



# MATERIAL SAFETY DATA SHEET

prepared in accordance with Commission Regulation (EU) 2015/830 amending Regulation (EC) No 1907/2006 (REACH)

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **BERRY** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE, POM POM)

UFI number: Y440-803A-Y001-K42U

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Irrit. 2 – Skin corrosion/irritation, Hazard Category 2 with assigned phrase stating the type of hazard:  
H315 Causes skin irritation

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 3 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 3 with assigned phrase H stating the type of hazard  
H412 Harmful to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, harmful to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictogram:



GHS 07

### Signal Word: Warning

#### Hazard statements:

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary Statement:

P102 Keep out of reach of children  
P264 Wash hands and face thoroughly after handling  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### Hazardous Ingredient: linalool

**Allergens at content higher than 1/10 value of classification limit:** benzyl salicylate, citronellol, (E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, 4-hydroxy-2,5-dimethylfuran-2(3H)-one

**UFI number:** Y440-803A-Y001-K42U

## 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-metoxymetyloetoxo)-propanol*	≤ 50 % w/w	-	-
88-41-5	201-828-7	not assigned	no data	2-tert-butylcyclohexyl acetate	< 5 % w/w	Aquatic Chronic 2	H411



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140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 5 % w/w	Aquatic Chronic 3	H412
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
8000-41-7	232-268-1	not assigned	01-2119553062-49-xxxx	terpineol	< 5 % w/w	Skin Irrit. 2, Eye Irrit. 2	H315, 319
18479-58-8	242-362-4	not assigned	01-2119457274-37-xxxx	2,6-dimethyloct-7-en-2-ol	< 2 % w/w	Skin Irrit. 2, Eye Irrit. 2	H315, 319
100-51-6	202-859-9	603-057-00-5	01-2119492630-38-xxxx	benzyl alcohol*	< 2 % w/w	Acute Tox. 4 (oral), Acute Tox. 4 (inh)	H302, 332
141-78-6	205-500-4	607-022-00-5	01-2119475103-46-xxxx	ethyl acetate*	< 1 % w/w	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, 319, 336, EUH066
81782-77-6	279-815-0	not assigned	01-2119983528-21-xxxx	4-methyl-3-decen-5-ol	< 1 % w/w	Aquatic Acute 1, Aquatic Chronic 2	H400, 411
118-58-1	204-262-9	not assigned	01-2119969442-31-xxxx	benzyl salicylate	< 1 % w/w	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3	H317, 319, 412
106-22-9	203-375-0	not assigned	01-2119453995-23-xxxx	citronellol	< 0,2 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
23726-93-4	245-844-2	not assigned	01-2120105798-49-xxxx	(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	< 0,1 % w/w	Skin Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2	H315, 317, 411
3658-77-3	222-908-8	not assigned	01-2120754473-52-xxxx	4-hydroxy-2,5-dimethylfuran-2(3H)-one	< 0,1 % w/w	Acute Tox. 4 (oral), Skin Corr. 1B, Skin Sens. 1A	H302, 314, 319

M-factor for environment hazardous substance (CAS no 81782-77-6)

Acute hazard: M = 1

Chronic hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.

Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.



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## 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

## 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours.

Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.



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## 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-metoxymetyloetoxo)propanol	34590-94-8	240	480
benzyl alcohol	100-51-6	240	-
ethyl acetate	141-78-6	734	1468

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness



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min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

## EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sun glare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary

EN ISO 13688:2013 Protective clothing - General requirements

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

### 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

### Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Form:</b>	liquid
<b>Odour:</b>	characteristic
<b>Odour threshold:</b>	no data
<b>pH:</b>	no data
<b>Melting point/freezing point:</b>	no data
<b>Initial boiling point and boiling range:</b>	no data
<b>Flash point:</b>	> 60°C
<b>Evaporation rate:</b>	no data
<b>Flammability:</b>	product contains flammable components



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<b>Upper/lower flammability or explosive limits:</b>	no data
<b>Vapour pressure:</b>	no data
<b>Vapour density:</b>	no data
<b>Density:</b>	no data
<b>Solubility in water:</b>	no data
<b>Solubility in other solvents:</b>	no data
<b>Partition coefficient: n-octanol/water:</b>	no data
<b>Auto-ignition temperature:</b>	no data
<b>Decomposition temperature:</b>	no data
<b>Viscosity:</b>	no data
<b>Explosive properties:</b>	no data
<b>Oxidising properties:</b>	no data

**9.2. Other information** no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: linalool, benzyl salicylate, citronellol, (E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, 4-hydroxy-2,5-dimethylfuran-2(3H)-one

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient



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mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number: doesn't concern

14.2. UN proper shipping name: doesn't concern

14.3. Transport hazard class: doesn't concern

14.4. Packing group: doesn't concern

14.5. Environmental hazards: no

14.6. Special precautions for user: see section 7.1

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: doesn't concern



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## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- European agreement concerning international road transport of dangerous products (ADR)  
*Federal, State and Local regulations.*

### 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product



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## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3  
Flam. Sol. 2 Flammable solids, Hazard Category 2  
Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3  
Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4  
Acute Tox. 3 (derm) Acute Toxicity (skin contact) Hazard Category 3  
Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3  
Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1 Skin Sensitizing, Hazard Category 1  
STOT SE 3 Specific target organ toxicity – Single exposure, Hazard Category 3  
Asp. Tox. 1 Aspiration hazard, Hazard Category 1  
Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1  
Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1  
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2  
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H226 Flammable liquid and vapour  
H228 Flammable solid  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways  
H311 Toxic in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H331 Toxic if inhaled  
H336 May cause drowsiness or dizziness  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects  
EUH066 Repeated exposure may cause skin dryness or cracking

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier  
PBT – persistence, bioaccumulation potential and toxicity  
vPvB – very high durability and very bioaccumulative  
CAS – Chemical Abstracts Service  
WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".  
STEL – short term exposure limits maximum of a substance harmful to health in the workplace  
LTEL – long term exposure limits maximum of a substance harmful to health in the workplace  
LEL – lower explosive limit  
UEL – upper explosive limit  
LD50 – lethal dose 50%  
LC50 – lethal concentration 50%  
UN number – identification number of the material (the number of UN, UN number)  
PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending

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Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: GQZ177863-91

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **BUBBLE GUM** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE)

UFI number: 4300-F0NP-J00S-G2PT

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Irrit. 2 – Skin corrosion/irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H315 Causes skin irritation

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 3 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 3 with assigned phrase H stating the type of hazard  
H412 Harmful to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, harmful to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictogram:



GHS 07

### Signal Word: Warning

#### Hazard statements:

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary Statement:

P102 Keep out of reach of children  
P264 Wash hands and face thoroughly after handling  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredient:** linalool, ethyl 2,3-epoxy-3-phenylbutyrate, linalyl acetate

**UFI number:** 4300-F0NP-J00S-G2PT

## 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethylethoxy)-propanol*	≤ 50 % w/w	-	-
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 10 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
77-83-8	201-061-8	not assigned	01-2119967770-28-xxxx	ethyl 2,3-epoxy-3-phenylbutyrate	< 5 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411



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115-95-7	204-116-4	not assigned	01-2119454789-19-xxxx	linalyl acetate	< 5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 5 % w/w	Aquatic Chronic 3	H412
121-32-4	204-464-7	not assigned	01-2119958961-24-xxxx	3-ethoxy-4-hydroxybenzaldehyde	< 2 % w/w	Eye Irrit. 2	H319
68901-15-5	272-657-3	not assigned	01-2120770514-54-xxxx	allyl (cyclohexyloxy)acetate	< 1 % w/w	Acute Tox. 4 (oral), Aquatic Acute 1, Aquatic Chronic 1	H302, 400, 410
128-37-0	204-881-4	not assigned	01-2119565113-46-xxxx	2,6-di-tert-butyl-p-cresol	< 1 % w/w	Aquatic Acute 1, Aquatic Chronic 1	H400, 410
123-68-2	204-642-4	not assigned	01-2119983573-26-xxxx	allyl hexanoate	< 0,5 % w/w	Acute Tox. 3 (oral), Acute Tox. 3 (derm), Acute Tox. 3 (inh), Aquatic Acute 1, Aquatic Chronic 3	H301, 311, 331, 400, 412

M-factor for environment hazardous substance (CAS no 68901-15-5, 128-37-0)

Acute hazard: M = 1

Chronic hazard: M = 1

M-factor for environment hazardous substance (CAS no 123-68-2)

Acute hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.

Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.

### 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can cause irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data



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## 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours.

Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.

### 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13



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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy) propanol*	34590-94-8	240	480

\* - absorption of substance through the skin can be just as important as through inhalation

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being



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used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

- c) **Eye protection** – recommended protective glasses
- d) **Skin protection** – recommended protective clothing
- e) **Thermal hazards** – not applicable

## EN standards for personal protective equipment

- EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking
- EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking
- EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
- EN 420:2003+A1:2009 Protective gloves - General requirements and test methods
- EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks
- EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration
- EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact
- EN 166:2001 Personal eye-protection - Specifications
- EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use
- EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary
- EN ISO 13688:2013 Protective clothing - General requirements
- EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])
- EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

## 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

## Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form:	liquid
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	> 69°C
Evaporation rate:	no data
Flammability:	product contains flammable components
Upper/lower flammability or explosive limits:	no data
Vapour pressure:	no data
Vapour density:	no data
Density(20°C):	0,95 – 0,99 g/cm <sup>3</sup>
Solubility in water:	no data



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**Solubility in other solvents:** no data  
**Partition coefficient: n-octanol/water:** no data  
**Auto-ignition temperature:** no data  
**Decomposition temperature:** no data  
**Viscosity (kinematic, 40°C):** > 20,5 mm<sup>2</sup>/s  
**Explosive properties:** no data  
**Oxidising properties:** no data

**9.2. Other information** no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: linalool, ethyl 2,3-epoxy-3-phenylbutyrate, linalyl acetate

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification



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**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number: doesn't concern

14.2. UN proper shipping name: doesn't concern

14.3. Transport hazard class: doesn't concern

14.4. Packing group: doesn't concern

14.5. Environmental hazards: no

14.6. Special precautions for user: see section 7.1

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: doesn't concern

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives



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- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- European agreement concerning international road transport of dangerous products (ADR) *Federal, State and Local regulations.*

## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3  
Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4  
Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3  
Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2



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Skin Sens. 1 Skin Sensitizing, Hazard Category 1

Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2

Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H301 Toxic if swallowed

H302 Harmful if swallowed

H312 Harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H331 Toxic if inhaled

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

CAS – Chemical Abstracts Service

WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

STEL – short term exposure limits maximum of a substance harmful to health in the workplace

LTEL – long term exposure limits maximum of a substance harmful to health in the workplace

LEL – lower explosive limit

UEL – upper explosive limit

LD50 – lethal dose 50%

LC50 – lethal concentration 50%

UN number – identification number of the material (the number of UN, UN number)

PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: UDM106753-28

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End



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user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **CHERRY** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE)  
UFI number: G600-Y0C2-V008-4E8V

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Irrit. 2 – Skin corrosion/irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H315 Causes skin irritation

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 3 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 3 with assigned phrase H stating the type of hazard  
H412 Harmful to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, harmful to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictogram:



GHS 07

### Signal Word: Warning

#### Hazard statements:

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary Statement:

P102 Keep out of reach of children  
P264 Wash hands and face thoroughly after handling  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredient:** ethyl 2,3-epoxy-3-phenylbutyrate, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one

**Allergens at content higher then 1/10 value of classification limit:** nopyl acetate, piperonal, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one

**UFI number:** G600-Y0C2-V008-4E8V

## 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including it's amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethylethoxy)-propanol*	≤ 50 % w/w	-	-



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100-52-7	202-860-4	605-012-00-5	01-2119455540-44-xxxx	benzyl alcohol	< 15 % w/w	Acute Tox. 4 (oral), Acute Tox. 4 (inh), Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 3	H302, 315, 319, 332, 335, 412
140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 10 % w/w	Aquatic Chronic 3	H412
77-83-8	201-061-8	not assigned	01-2119967770-28-xxxx	ethyl 2,3-epoxy-3-phenylbutyrate	< 10 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411
134-20-3	205-132-4	not assigned	01-2120478941-44-xxxx	methyl anthranilate	< 5 % w/w	Eye Irrit. 2	H319
121-33-5	204-465-2	not assigned	01-2119516040-60-xxxx	vanilin	< 5 % w/w	Eye Irrit. 2	H319
127-51-5	204-846-3	not assigned	01-2120138569-45-xxxx	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	< 3 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2	H315, 317, 319, 411
104-87-0	203-246-9	not assigned	01-2120755000-72-xxxx	p-tolualdehyde	< 2 % w/w	Acute Tox. 4 (oral)	H302
128-51-8	204-891-9	not assigned	no data	nopyl acetate	< 0,5 % w/w	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2	H317, 319, 411
120-57-0	204-409-7	not assigned	01-2119983608-21-xxxx	piperonal	< 0,2 % w/w	Skin Sens. 1B	H317
127-43-5	204-843-7	not assigned	no data	1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one	< 0,2 % w/w	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2	H315, 317, 411
65-85-0	200-618-2	607-705-00-8	01-2119455536-33-xxxx	benzoic acid	< 0,2 % w/w	Skin Irrit. 2, Eye Dam. 1, STOT RE 1	H315, 318, 372

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.  
Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.



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## 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

## 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours.

Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.



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## 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy) propanol*	34590-94-8	240	480

\* - absorption of substance through the skin can be just as important as through inhalation

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As



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the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

- c) **Eye protection** – recommended protective glasses
- d) **Skin protection** – recommended protective clothing
- e) **Thermal hazards** – not applicable

## EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking  
EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking  
EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking  
EN 420:2003+A1:2009 Protective gloves - General requirements and test methods  
EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks  
EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration  
EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact  
EN 166:2001 Personal eye-protection - Specifications  
EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use  
EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary  
EN ISO 13688:2013 Protective clothing - General requirements  
EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])  
EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

### 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

### Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Form:</b>	liquid
<b>Odour:</b>	characteristic
<b>Odour threshold:</b>	no data
<b>pH:</b>	no data
<b>Melting point/freezing point:</b>	no data
<b>Initial boiling point and boiling range:</b>	no data
<b>Flash point:</b>	> 62°C
<b>Evaporation rate:</b>	no data
<b>Flammability:</b>	product contains flammable components
<b>Upper/lower flammability or explosive limits:</b>	no data



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<b>Vapour pressure:</b>	no data
<b>Vapour density:</b>	no data
<b>Density(20°C):</b>	0,95 – 1,03 g/cm <sup>3</sup>
<b>Solubility in water:</b>	no data
<b>Solubility in other solvents:</b>	no data
<b>Partition coefficient: n-octanol/water:</b>	no data
<b>Auto-ignition temperature:</b>	no data
<b>Decomposition temperature:</b>	no data
<b>Viscosity (kinematic, 40°C):</b>	> 20,5 mm <sup>2</sup> /s
<b>Explosive properties:</b>	no data
<b>Oxidising properties:</b>	no data

**9.2. Other information** no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: ethyl 2,3-epoxy-3-phenylbutyrate, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, nopyl acetate, piperonal, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances



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**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number: doesn't concern

14.2. UN proper shipping name: doesn't concern

14.3. Transport hazard class: doesn't concern

14.4. Packing group: doesn't concern

14.5. Environmental hazards: no

14.6. Special precautions for user: see section 7.1

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: doesn't concern



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## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- European agreement concerning international road transport of dangerous products (ADR)  
*Federal, State and Local regulations.*

### 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product



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## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3  
Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3  
Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4  
Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3  
Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1 Skin Sensitizing, Hazard Category 1  
STOT RE 1 Specific target organ toxicity – Repeated exposure, Hazard Category  
Asp. Tox. 1 Aspiration hazard, Hazard Category 1  
Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1  
Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1  
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2  
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H226 Flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H331 Toxic if inhaled  
H372 Causes damage to organs through prolonged or repeated exposure  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier  
PBT – persistence, bioaccumulation potential and toxicity  
vPvB – very high durability and very bioaccumulative  
CAS – Chemical Abstracts Service  
WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".  
STEL – short term exposure limits maximum of a substance harmful to health in the workplace  
LTEL – long term exposure limits maximum of a substance harmful to health in the workplace  
LEL – lower explosive limit  
UEL – upper explosive limit  
LD50 – lethal dose 50%  
LC50 – lethal concentration 50%  
UN number – identification number of the material (the number of UN, UN number)  
PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous

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components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: UDM899325-07

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **GREEN APPLE** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE, POM POM)

UFI number: 6940-80G4-K000-WT7Y

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 2 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 2 with assigned phrase H stating the type of hazard  
H411 Toxic to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, potentially irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, toxic to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air

### 2.2. Label elements

#### Pictograms:



GHS 07



GHS 09



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## Signal Word: Warning

### Hazard statements:

H317 May cause an allergic skin reaction

H411 Toxic to aquatic life with long lasting effects

### Precautionary Statement:

P102 Keep out of reach of children

P264 Wash hands and face thoroughly after handling

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredients:** geranyl acetate, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde

**Allergens at content higher then 1/10 value of classification limit:** carvone

**UFI number:** 6940-80G4-K000-WT7Y

### 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including it's amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethyl-ethoxy)propanol*	≤ 60 % w/w	-	-
88-41-5	201-828-7	not assigned	no data	2-tert-butylcyclohexyl acetate	< 10 % w/w	Aquatic Chronic 2	H411
1222-05-5	214-946-9	603-212-00-7	01-2119488227-29-xxxx	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran / galaxolide	< 10 % w/w	Aquatic Acute 1, Aquatic Chronic 1	H400, 410
140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 5 % w/w	Aquatic Chronic 3	H412
18479-58-8	242-362-4	not assigned	01-2119457274-37-xxxx	2,6-dimethyloct-7-en-2-ol	< 2,5 % w/w	Skin Irrit. 2, Eye Irrit. 2	H315, 319
105-53-3	203-305-9	not assigned	01-2119886972-18-xxxx	diethyl malonate	< 2,5 % w/w	Eye Irrit. 2	H319
105-87-3	203-341-5	not assigned	01-2119973480-35-xxxx	geranyl acetate	< 2,5 % w/w	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3	H315, 317, 412



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68039-49-6	268-264-1	not assigned	no data	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	< 2,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3	H315, 317, 319, 412
99-49-0	202-759-5	606-148-00-8	no data	carvone (ISO) / 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one	< 0,5 % w/w	Skin Sens. 1B	H317

M-factor for environment hazardous substance (CAS no 1222-05-5)

Acute hazard: M = 1

Chronic hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.

Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.

### 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination



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## 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours. Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.

### 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.



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## 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

## 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy) propanol*	34590-94-8	240	480

\* - absorption of substances through the skin may be as important as when inhaled

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

#### EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary



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EN ISO 13688:2013 Protective clothing - General requirements

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

## 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

## Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form:	liquid
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	> 71°C
Evaporation rate:	no data
Flammability:	product contains flammable components
Upper/lower flammability or explosive limits:	no data
Vapour pressure:	no data
Vapour density:	no data
Density:	no data
Solubility in water:	no data
Solubility in other solvents:	no data
Partition coefficient: n-octanol/water:	no data
Auto-ignition temperature:	no data
Decomposition temperature:	no data
Viscosity:	no data
Explosive properties:	no data
Oxidising properties:	no data

9.2. Other information no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources



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## 10.5. Incompatible materials

Strong oxidizing agents

## 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** data not significant for classification

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: geranyl acetate, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, carvone

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Product of low viscosity. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as toxic to the aquatic environment, may cause long-term adverse effects in the aquatic



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environment. In trade form product poses high risk to the environment.  
Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number: 3082

14.2. UN proper shipping name: Environmentally hazardous substances, liquid N.O.S.

14.3. Transport hazard class: 9

14.4. Packing group: III

14.5. Environmental hazards: yes

14.6. Special precautions for user: see section 7.1

Road transport (ADR):

Classification code:

Warning label:

Packing instruction:

Code of movement restriction through underpass:

M6

9

P001

-



14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: no data

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing



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hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)

- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)

- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)

- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)

- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)

- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)

- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (13 ATP)

- European agreement concerning international road transport of dangerous products (ADR)

*Federal, State and Local regulations.*

## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1 Skin Sensitizing, Hazard Category 1

Skin Sens. 1B Skin Sensitizing, Hazard Category 1B

Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2

Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

CAS – Chemical Abstracts Service

WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

STEL – short term exposure limits maximum of a substance harmful to health in the workplace



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LTEL – long term exposure limits maximum of a substance harmful to health in the workplace

LEL – lower explosive limit

UEL – upper explosive limit

LD50 – lethal dose 50%

LC50 – lethal concentration 50%

UN number – identification number of the material (the number of UN, UN number)

PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: GQZ901052-05

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **ICE AQUA** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE, POM POM, CARFATHER, WOODO DIFUSER)

UFI number: A470-Y087-P00C-Q2G3

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Irrit. 2 – Skin corrosion/irritation, Hazard Category 2 with assigned phrase stating the type of hazard:  
H315 Causes skin irritation

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 3 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 3 with assigned phrase H stating the type of hazard  
H412 Harmful to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, harmful to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictogram:



GHS 07

### Signal Word: Warning

#### Hazard statements:

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary Statement:

P102 Keep out of reach of children  
P264 Wash hands and face thoroughly after handling  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredient:** cineole, linalool, trans-menthone

**Allergens at content higher than 1/10 value of classification limit:** geraniol, 3-p-cumenyl-2-methylpropionaldehyde, benzyl salicylate, nerol, 2-isopropyl-5-methyl-cyclohexanone, 2-(4-tert-butylbenzyl)propionaldehyde, citronellol, d-limonene, l-carvone, pin-2(3)-ene

**UFI number:** A470-Y087-P00C-Q2G3

## 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-metoxymetyloetoxy)-propanol*	≤ 50 % w/w	-	-



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470-82-6	207-431-5	not assigned	01-2119967772-24-xxxx	cineole	< 6 % w/w	Flam. Liq. 3, Skin Sens. 1B	H226, 317
8000-41-7	232-268-1	not assigned	01-2119553062-49-xxxx	terpineol	< 6 % w/w	Skin Irrit. 2, Eye Irrit. 2	H315, 319
76-22-2	200-945-0	not assigned	01-2119966156-31-xxxx	bornan-2-one*	< 5 % w/w	Flam. Sol. 2, Acute Tox. 4 (oral), Acute Tox. 4. (inh), STOT SE 2	H228, 302, 332, 371
2216-51-5	218-690-9	not assigned	01-2119458866-21-xxxx	l-menthol	< 3 % w/w	Skin Irrit. 2, Eye Irrit. 2	H315, 319
67634-00-8	266-803-5	not assigned	01-2120795456-39-xxxx	allyl (3-methylbutoxy)acetate	< 3 % w/w	Acute Tox. 4 (oral), Acute Tox. 4 (derm) STOT RE 2, Aquatic Acute 1	H302, 312, 373, 400
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 2 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
89-80-5	201-941-1	not assigned	01-2120741994-43-xxxx	trans-menthone	< 2 % w/w	Skin Irrit. 2, Skin Sens. 1B	H315, 317
106-24-1	203-377-1	not assigned	01-2119552430-49-xxxx	geraniol	< 1 % w/w	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1B	H315, 317, 318
103-95-7	203-161-7	not assigned	01-2119970582-32-xxxx	3-p-cumenyl-2-methylpropionaldehyde	< 1 % w/w	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2	H315, 317, 411
118-58-1	204-262-9	not assigned	01-2119969442-31-xxxx	benzyl salicylate	< 1 % w/w	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3	H317, 319, 412
106-25-2	203-378-7	not assigned	01-2119983244-33-xxxx	nerol	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
491-07-6	207-727-4	not assigned	01-2119983786-15-xxxx	2-isopropyl-5-methylcyclohexanone	< 0,5 % w/w	Skin Irrit. 2, Skin Sens. 1B	H315, 317
80-54-6	201-289-8	not assigned	01-2119485965-18-xxxx	2-(4-tert-butylbenzyl)propionaldehyde	< 0,5 % w/w	Acute Tox. 4 (oral), Skin Irrit. 2, Skin Sens. 1B, Repr. 2, Aquatic Chronic 2	H302, 315, 317, 361f, 411
106-22-9	203-375-0	not assigned	01-2119453995-23-xxxx	citronellol	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
5989-27-5	227-813-5	601-029-00-7	01-2119529223-47-xxxx	(R)-p-mentha-1,8-diene / d-limonene	< 0,5 % w/w	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, 304, 315, 317, 400, 410
6485-40-1	229-352-9	606-148-00-8	01-2119962458-25-xxxx	l-carvone; (5R)-2-methyl-5- (prop-1-en-2-yl)cyclohex-2-en-1-on	< 0,5 % w/w	Skin Sens.1B	H317
80-56-8	201-291-9	not assigned	01-2119519223-49-xxxx	pin-2(3)-ene	< 0,5 % w/w	Flam. Liq. 3, Acute Tox. 4 (oral), Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, 302, 304, 315, 317, 400, 410

M-factor for environment hazardous substance (CAS no 5989-27-5, 80-56-8)

Acute hazard: M = 1

Chronic hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures



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## General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.  
Never give anything by mouth to an unconscious person.

## Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.

## 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

## 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES



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## 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours. Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

## 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

## 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.

## 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Occupational Exposure Limit Value (Poland):**

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-metoxymetyloetoxy)propanol	34590-94-8	240	480



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## Allowable concentration of hazardous ingredient in biological material:

Not determined for product

## DNEL, PNEC value:

Not determined for product

## 8.2. Exposure controls

### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

### Personal protection:

#### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

### EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary

EN ISO 13688:2013 Protective clothing - General requirements

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

#### 8.2.2. Consumer user (use of handling packaging):



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There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

## Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form:	liquid
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	> 60°C
Evaporation rate:	no data
Flammability:	product contains flammable components
Upper/lower flammability or explosive limits:	no data
Vapour pressure:	no data
Vapour density:	no data
Density:	no data
Solubility in water:	no data
Solubility in other solvents:	no data
Partition coefficient: n-octanol/water:	no data
Auto-ignition temperature:	no data
Decomposition temperature:	no data
Viscosity:	no data
Explosive properties:	no data
Oxidising properties:	no data

9.2. Other information no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.



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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: cineole, linalool, trans-menthone, geraniol, 3-p-cumenyl-2-methylpropionaldehyde, benzyl salicylate, nerol, 2-isopropyl-5-methyl-cyclohexanone, 2-(4-tert-butylbenzyl)propionaldehyde, citronellol, d-limonene, l-carvone, pin-2(3)-ene

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product contains hazardous ingredient mentioned on the list of reproductive toxicity substances: 2-(4-tert-butylbenzyl)propionaldehyde at content lower than classification level (< 3 % w/w)

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.



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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

- 14.1. **UN number:** doesn't concern  
14.2. **UN proper shipping name:** doesn't concern  
14.3. **Transport hazard class:** doesn't concern  
14.4. **Packing group:** doesn't concern  
14.5. **Environmental hazards:** no  
14.6. **Special precautions for user:** see section 7.1  
14.7. **Transport in bulk according to Annex II of MARPOL and the IBC Code:** doesn't concern

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the



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Council on classification, labelling and packaging of substances and mixtures (8 ATP)

- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)

- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)

- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)

- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)

- European agreement concerning international road transport of dangerous products (ADR) *Federal, State and Local regulations.*

## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3

Flam. Sol. 2 Flammable solids, Hazard Category 2

Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3

Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4

Acute Tox. 3 (derm) Acute Toxicity (skin contact) Hazard Category 3

Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3

Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1 Skin Sensitizing, Hazard Category 1

Repr. 2 Reproductive toxicity, Hazard Category 2

STOT RE 2 Specific target organ toxicity – Repeated exposure, Hazard Category 2

Asp. Tox. 1 Aspiration hazard, Hazard Category 1

Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2

Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H226 Flammable liquid and vapour

H228 Flammable solid

H301 Toxic if swallowed

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H311 Toxic in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H331 Toxic if inhaled

H361f Suspected of damaging fertility

H373 May cause damage to organs through prolonged or repeated exposure

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

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H411 Toxic to aquatic life with long lasting effects  
 H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

CAS – Chemical Abstracts Service

WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

STEL – short term exposure limits maximum of a substance harmful to health in the workplace

LTEL – long term exposure limits maximum of a substance harmful to health in the workplace

LEL – lower explosive limit

UEL – upper explosive limit

LD50 – lethal dose 50%

LC50 – lethal concentration 50%

UN number – identification number of the material (the number of UN, UN number)

PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: ATB603873-18

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **NEW CAR** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE)  
UFI number: 6800-G01G-500R-TRUX

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 3 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 3 with assigned phrase H stating the type of hazard  
H412 Harmful to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, skin sensitizing, potentially irritating to eyes and skin

Environmental Hazards: product is classified as hazardous to environment, harmful to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air

### 2.2. Label elements

#### Pictograms:



GHS 07



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## Signal Word: Warning

### Hazard statements:

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects

### Precautionary Statement:

P102 Keep out of reach of children

P264 Wash hands and face thoroughly after handling

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention

**Hazardous Ingredient:**  $\alpha$ -hexylcinnamaldehyde, linalol, eugenol, 3,7-dimethyloctan-3-ol, benzyl salicylate, reaction mass of cis-4-(isopropyl) cyclohexanemethanol and trans-4-(isopropyl) cyclohexanemethanol

**Allergens at content higher than 1/10 value of classification limit:** linalyl acetate, d-limonene, coumarin, nerol, undec-10-enal, citral, piperonal, D-p-mentha-1(6),8-dien-2-one, Reaction mass of (3R,5R)-3,5,6,6-tetramethyl-4-methylideneheptan-2-one and (3R,5S)-3,5,6,6-tetramethyl-4-methylideneheptan-2-one and (E)-3,4,5,6,6-pentamethylhept-3-en-2-one, p-menthan-3-one

**UFI number:** 6800-G01G-500R-TRUX

### 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethylethoxy)-propanol*	≤ 50 % w/w	-	-
101-86-0	202-983-3	not assigned	01-2119533092-50-xxxx	$\alpha$ -hexylcinnamaldehyde	< 3 % w/w	Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2	H317, 400, 411
140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 3 % w/w	Aquatic Chronic 3	H412
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 2 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
97-53-0	202-589-1	not assigned	01-2119971802-33-xxxx	eugenol	< 2 % w/w	Eye Irrit. 2, Skin Sens. 1B	H317, 319
78-69-3	201-133-9	not assigned	01-2119454788-21-xxxx	3,7-dimethyloctan-3-ol	< 2 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
118-58-1	204-262-9	not assigned	01-2119969442-31-xxxx	benzyl salicylate	< 2 % w/w	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3	H317, 319, 412



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20298-69-5	243-718-1	not assigned	01-2119970713-33-xxxx	cis-2-tert-butylcyclohexyl acetate	< 2 % w/w	Aquatic Chronic 2	H411
5502-75-0	939-719-8	not assigned	01-2119983532-32-xxxx	Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol	< 2 % w/w	Skin Irrit. 2, Skin Sens. 1B	H315, 317
68901-15-5	272-657-3	not assigned	01-2120770514-54-xxxx	allyl (cyclohexyloxy)acetate	< 1 % w/w	Acute Tox. 4 (oral), Aquatic Acute 1, Aquatic Chronic 1	H302, 400, 410
115-95-7	204-116-4	not assigned	01-2119454789-19-xxxx	linalyl acetate	< 1 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
5989-27-5	227-813-5	601-029-00-7	01-2119529223-47-xxxx	(R)-p-mentha-1,8-diene / d-limonene	< 1 % w/w	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, 304, 315, 317, 400, 410
91-64-5	202-086-7	not assigned	01-2119943756-26-xxxx	coumarin	< 1 % w/w	Acute Tox. 4 (oral), Skin Sens. 1B, Aquatic Chronic 3	H302, 317, 412
106-25-2	203-378-7	not assigned	01-2119983244-33-xxxx	nerol	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
112-45-8	203-973-1	not assigned	01-2119980959-11-xxxx	undec-10-enal	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3	H315, 317, 319, 412
5392-40-5	226-394-6	605-019-00-3	01-2119462829-23-xxxx	citral*	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
120-57-0	204-409-7	not assigned	01-2119983608-21-xxxx	piperonal	< 0,5 % w/w	Skin Sens. 1B	H317
99-49-0	202-759-5	not assigned	no data	D-p-mentha-1(6),8-dien-2-one	< 0,5 % w/w	Acute Tox. 4 (oral), Skin Irrit. 2, Skin Sens. 1B	H302, 315, 317
-	939-627-8	not assigned	01-2119980043-42-xxxx	Reaction mass of (3R,5R)-3,5,6,6-tetra-methyl-4-methylideneheptan-2-one and (3R,5S)-3,5,6,6-tetramethyl-4-methylideneheptan-2-one and (E)-3,4,5,6,6-penta-methylhept-3-en-2-one	< 0,5 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411
81-14-1	201-328-9	609-069-00-7	no data	musk ketone	< 0,2 % w/w	Carc. 2, Aquatic Acute 1, Aquatic Chronic 1	H351, 400, 410
10458-14-7	233-944-9	not assigned	no data	p-menthan-3-one	< 0,2 % w/w	Skin Irrit. 2, Skin Sens. 1B	H315, 317

M-factor for environment hazardous substance (CAS no 68901-15-5, 5989-27-5, 81-14-1)

Acute hazard: M = 1

Chronic hazard: M = 1

M-factor for environment hazardous substance (CAS no 101-86-0)

Acute hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.



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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product. Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.

### 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.



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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours. Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.

### 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse.

Protect against heat, contact with potential sources of ignition, direct sunlight.

At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition



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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy)propanol*	34590-94-8	240	480
3,7-Dimethylocta-2,6-dienal (citral)	5392-40-5	27	54

\* - absorption of substance through the skin can be just as important as through inhalation

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

#### EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary

EN ISO 13688:2013 Protective clothing - General requirements



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EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

## 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

## Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form:	liquid
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	> 74°C
Evaporation rate:	no data
Flammability:	product contains flammable components
Upper/lower flammability or explosive limits:	no data
Vapour pressure:	no data
Vapour density:	no data
Density (20°C):	0,95 – 0,99 g/cm <sup>3</sup>
Solubility in water:	no data
Solubility in other solvents:	no data
Partition coefficient: n-octanol/water:	no data
Auto-ignition temperature:	no data
Decomposition temperature:	no data
Viscosity (kinematic, 40°C):	> 20,5 mm <sup>2</sup> /s
Explosive properties:	no data
Oxidising properties:	no data

9.2. Other information no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources



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## 10.5. Incompatible materials

Strong oxidizing agents

## 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** data not significant for classification

**Serious eye damage/irritation:** data not significant for classification

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens:  $\alpha$ -hexylcinnamaldehyde, linalool, eugenol, 3,7-dimethyloctan-3-ol, benzyl salicylate, reaction mass of cis-4-(isopropyl) cyclohexanemethanol and trans-4-(isopropyl) cyclohexanemethanol, linalyl acetate, d-limonene, coumarin, nerol, undec-10-enal, citral, piperonal, D-p-mentha-1(6),8-dien-2-one, Reaction mass of (3R,5R)-3,5,6,6-tetramethyl-4-methylideneheptan-2-one and (3R,5S)-3,5,6,6-tetramethyl-4-methylideneheptan-2-one and (E)-3,4,5,6,6-pentamethylhept-3-en-2-one, p-menthan-3-one

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product contains hazardous ingredient mentioned on the list of carcinogenic substances – musk ketone at content below generic classification limit (< 1,0 % w/w)

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.



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## 12.6. Other adverse effects:

Product classified as harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number: doesn't concern  
14.2. UN proper shipping name: doesn't concern  
14.3. Transport hazard class: doesn't concern  
14.4. Packing group: doesn't concern  
14.5. Environmental hazards: no  
14.6. Special precautions for user: see section 7.1  
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: doesn't concern

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)



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- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- European agreement concerning international road transport of dangerous products (ADR) *Federal, State and Local regulations.*

## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

- Flam. Liq. 3 Flammable liquids, Hazard Category 3
- Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3
- Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4
- Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3
- Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2
- Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1
- Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2
- Skin Sens. 1 Skin Sensitizing, Hazard Category 1
- Carc. 2 Carcinogenicity, Hazard Category 2
- Asp. Tox. 1 Aspiration hazard, Hazard Category 1
- Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1
- Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1
- Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2
- Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

- H226 Flammable liquid and vapour
- H301 Toxic if swallowed
- H302 Harmful if swallowed
- H304 May be fatal if swallowed and enters airways
- H312 Harmful in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H331 Toxic if inhaled
- H351 Suspected of causing cancer
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

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H411 Toxic to aquatic life with long lasting effects  
 H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

CAS – Chemical Abstracts Service

WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

STEL – short term exposure limits maximum of a substance harmful to health in the workplace

LTEL – long term exposure limits maximum of a substance harmful to health in the workplace

LEL – lower explosive limit

UEL – upper explosive limit

LD50 – lethal dose 50%

LC50 – lethal concentration 50%

UN number – identification number of the material (the number of UN, UN number)

PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: UDM149096-14

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **STRAWBERRY** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE)

UFI number: QH00-003P-3007-TSM4

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Flam. Liq. 3 – Flammable liquids, Hazard Category 3 with assigned phrase H stating the type of hazard:  
H226 Flammable liquid and vapour

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:

H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:

H317 May cause an allergic skin reaction

Health hazard: product is classified as hazardous to health, skin sensitizing, eye irritating, potentially irritating to skin

Environmental Hazards: product isn't classified as hazardous to environment, potentially harmful to aquatic life with long lasting effects

Physical/chemical hazards: product is classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictograms:



GHS 02



GHS 07

### Signal Word: Warning

#### Hazard statements:

H226 Flammable liquid and vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

#### Precautionary Statement:

P102 Keep out of reach of children

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P264 Wash hands and face thoroughly after handling

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredient:** ethyl 2,3-epoxy-3-phenylbutyrate

**Allergens at content higher than 1/10 value of classification limit:** (E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, 4-hydroxy-2,5-dimethylfuran-2(3H)-one, methyl non-2-yanoate

**UFI number:** QH00-003P-3007-TSM4

## 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amendments, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethylethoxy)-propanol*	≤ 50 % w/w	-	-



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100-51-6	202-859-9	603-057-00-5	01-2119492630-38-xxxx	benzyl alcohol*	< 25 % w/w	Acute Tox. 4 (oral), Acute Tox. 4 (inh)	H302, 332
141-78-6	205-500-4	607-022-00-5	01-2119475103-46-xxxx	ethyl acetate*	< 10 % w/w	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, 319 336, EUH066
4940-11-8	225-582-5	not assigned	01-2120758795-36-xxxx	2-ethyl-3-hydroxy-4-pyrone	< 10 % w/w	Acute Tox. 4 (oral)	H302
140-11-4	205-399-7	not assigned	01-2119638272-42-xxxx	benzyl acetate	< 2 % w/w	Aquatic Chronic 3	H412
77-83-8	201-061-8	not assigned	01-2119967770-28-xxxx	ethyl 2,3-epoxy-3-phenylbutyrate	< 2 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411
928-96-1	213-192-8	not assigned	01-2119969743-23-xxxx	cis-hex-3-en-1-ol	< 2 % w/w	Flam Liq. 3, Eye Irrit. 2	H226, 319
142-19-8	205-527-1	not assigned	01-2119488961-23-xxxx	allyl heptanoate	< 1 % w/w	Acute Tox. 3 (oral), Acute Tox.3 (derm), Acute Tox. 3 (inh), Aquatic Acute 1, Aquatic Chronic 3	H301, 311, 331, 400, 412
23726-93-4	245-844-2	not assigned	01-2120105798-49-xxxx	(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	< 0,1 % w/w	Skin Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2	H315, 317, 411
3658-77-3	222-908-8	not assigned	01-2120754473-52-xxxx	4-hydroxy-2,5-dimethylfuran-2(3H)-one	< 0,1 % w/w	Acute Tox. 4 (oral), Skin Corr. 1B, Skin Sens. 1A	H302, 314, 319
111-80-8	203-909-2	not assigned	01-2120139912-55-xxxx	methyl non-2-ynoate	< 0,1 % w/w	Acute Tox. 4 (oral), Eye Irrit. 2, Skin Sens. 1A	H302, 317, 319

M-factor for environment hazardous substance (CAS no 142-19-8)

Acute hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.

Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly with water with soap. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.



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## 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

## 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours.

Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

### 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.



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## 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse. Protect against heat, contact with potential sources of ignition, direct sunlight. At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy) propanol*	34590-94-8	240	480
benzyl alcohol	100-51-6	240	-
ethyl acetate	141-78-6	734	1468

\* - absorption of substance through the skin can be just as important as through inhalation

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level. Explosion-proof general and local exhaust ventilation.

#### Personal protection:

##### 8.2.1. Professional users (production, transport, storage):

a) **Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required



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during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A  
**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

## EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary

EN ISO 13688:2013 Protective clothing - General requirements

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

### 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

### Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Form:</b>	liquid
<b>Odour:</b>	characteristic
<b>Odour threshold:</b>	no data
<b>pH:</b>	no data
<b>Melting point/freezing point:</b>	no data
<b>Initial boiling point and boiling range:</b>	no data



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<b>Flash point:</b>	< 60°C
<b>Evaporation rate:</b>	no data
<b>Flammability:</b>	product contains flammable components
<b>Upper/lower flammability or explosive limits:</b>	no data
<b>Vapour pressure:</b>	no data
<b>Vapour density:</b>	no data
<b>Density (20°C):</b>	0,95 – 1,02 g/cm <sup>3</sup>
<b>Solubility in water:</b>	no data
<b>Solubility in other solvents:</b>	no data
<b>Partition coefficient: n-octanol/water:</b>	no data
<b>Auto-ignition temperature:</b>	no data
<b>Decomposition temperature:</b>	no data
<b>Viscosity (kinematic, 40°C):</b>	> 20,5 mm <sup>2</sup> /s
<b>Explosive properties:</b>	no data
<b>Oxidising properties:</b>	no data
<b>9.2. Other information</b>	no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** data not significant for classification

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains



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allergens: ethyl 2,3-epoxy-3-phenylbutyrate, (E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, 4-hydroxy-2,5-dimethylfuran-2(3H)-one, methyl non-2-ynoate

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product isn't classified as hazardous to environment, potentially harmful to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.

**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number:

1266

14.2. UN proper shipping name:

PERFUMERY PRODUCTS with flammable solvents

14.3. Transport hazard class:

3

14.4. Packing group:

III

14.5. Environmental hazards:

no

14.6. Special precautions for user:

see section 7.1.





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## Overland transport ADR

Classification code: F1  
Warning label: 3  
Code of movement restriction through underpass: D/E

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:** no data

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- European agreement concerning international road transport of dangerous products (ADR) *Federal, State and Local regulations.*



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## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3  
Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3  
Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4  
Acute Tox. 3 (derm) Acute Toxicity (skin contact) Hazard Category 3  
Acute Tox. 4 (derm) Acute Toxicity (skin contact) Hazard Category 4  
Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3  
Acute Tox. 4 (inh) Acute Toxicity (inhalation) Hazard Category 4  
Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1 Skin Sensitizing, Hazard Category 1  
STOT SE 3 Specific target organ toxicity – Single exposure, Hazard Category 3  
Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1  
Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1  
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2  
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H226 Flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways  
H311 Toxic in contact with skin  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H331 Toxic if inhaled  
H332 Harmful if inhaled  
H336 May cause drowsiness or dizziness  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects  
EUH066 Repeated exposure may cause skin dryness or cracking

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier  
PBT – persistence, bioaccumulation potential and toxicity  
vPvB – very high durability and very bioaccumulative  
CAS – Chemical Abstracts Service  
WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".  
STEL – short term exposure limits maximum of a substance harmful to health in the workplace  
LTEL – long term exposure limits maximum of a substance harmful to health in the workplace  
LEL – lower explosive limit  
UEL – upper explosive limit  
LD50 – lethal dose 50%  
LC50 – lethal concentration 50%  
UN number – identification number of the material (the number of UN, UN number)  
PCN – Poison Center Notification



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MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: UDM152205-44

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.



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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

Trade name: **VANILLA** (regarding series of products: SECRET CUBE, NATURAL FRESH, EXCELLENT, ORGANIC, NEW DESIRE, FRESHNESS, NUVO, CONCEPT, VERSO, SMALL WOOD, WOOD, ORGANIQUE WOOD, MAGIC WOOD, ACTION FRESH 2in1, STYLO, TASOTTI PAPER, CRAZY FACES, ACTION X, LUXURY SERIES, BIG BOX, BLACK STAR, MAGIC LEAF, CLASSIC, QUEENS, PRINCE)  
UFI number: 2C00-Y0QV-G008-F3F0

### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Fragrance composition, air refresher

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

Tasotti

Address: ul. Sudecka 4, 62-800 Kalisz

Tel.: +48 62 7536354

Fax: +48 62 7536355

e-mail: info@tasotti.com.pl

Person responsible for MSDS: Sebastian Cichy, e-mail: info@tasotti.eu

### 1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Łódź, Poland

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture:

Skin Irrit. 2 – Skin corrosion/irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H315 Causes skin irritation

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2 with assigned phrase H stating the type of hazard:  
H319 Causes serious eye irritation

Skin Sens. 1 – Skin sensitisation, Hazard Category 1 with assigned phrase H stating the type of hazard:  
H317 May cause an allergic skin reaction

Aquatic Chronic 2 – Hazardous to the aquatic environment, CHRONIC, Hazard Category 2 with assigned phrase H stating the type of hazard  
H411 Toxic to aquatic life with long lasting effects

Health hazard: product is classified as hazardous to health, irritating to eyes and skin, skin sensitizing

Environmental Hazards: product is classified as hazardous to environment, toxic to aquatic life with long lasting effects

Physical/chemical hazards: product isn't classified as hazardous, it contains flammable solvents, vapours form flammable mixtures with air



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## 2.2. Label elements

### Pictograms:



GHS 07



GHS 09

### Signal Word: Warning

#### Hazard statements:

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects

#### Precautionary Statement:

P102 Keep out of reach of children  
P264 Wash hands and face thoroughly after handling  
P273 Avoid release to the environment  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazardous Ingredient:** d-limonen, coumarin

**UFI number:** 2C00-Y0QV-G008-F3F0

### 2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The mixture doesn't contain SVHC substances above 0,1 % w/w.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3.1 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including it's amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard category	H phrases
34590-94-8	252-104-2	not assigned	01-2119450011-60-xxxx	(2-methoxymethylethoxy)-propanol*	≤ 50 % w/w	-	-
121-32-4	204-464-7	not assigned	01-2119958961-24-xxxx	3-ethoxy-4-hydroxybenzaldehyde	< 15 % w/w	Eye Irrit. 2	H319



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5989-27-5	227-813-5	601-029-00-7	01-2119529223-47-xxxx	(R)-p-mentha-1,8-diene / d-limonene	< 10 % w/w	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, 304, 315, 317, 400, 410
121-33-5	204-465-2	not assigned	01-2119516040-60-xxxx	vanilin	< 5 % w/w	Eye Irrit. 2	H319
100-51-6	202-859-9	603-057-00-5	01-2119492630-38-xxxx	benzyl alcohol*	< 5 % w/w	Acute Tox. 4 (oral), Acute Tox. 4 (inh)	H302, 332
91-64-5	202-086-7	not assigned	01-2119943756-26-xxxx	coumarin	< 3 % w/w	Acute Tox. 4 (oral), Skin Sens. 1B, Aquatic Chronic 3	H302, 317, 412
123-11-5	204-602-6	not assigned	01-2119977101-43-xxxx	anisaldehyde	< 2 % w/w	Acute Tox. 4 (oral)	H302
10094-34-5	233-221-8	not assigned	01-2120742578-44-xxxx	$\alpha,\alpha$ -dimethylphenethyl butyrate	< 1 % w/w	Aquatic Chronic 2	H411
123-68-2	204-642-4	not assigned	01-2119983573-26-xxxx	allyl hexanoate	< 1 % w/w	Acute Tox. 3 (oral), Acute Tox. 3 (derm), Acute Tox. 3 (inh), Aquatic Acute 1, Aquatic Chronic 3	H301, 311, 331, 400, 412
142-19-8	205-527-1	not assigned	01-2119488961-23-xxxx	allyl heptanoate	< 0,5 % w/w	Acute Tox. 3 (oral), Acute Tox. 3 (derm), Acute Tox. 3 (inh), Aquatic Acute 1, Aquatic Chronic 3	H301, 311, 331, 400, 412
128-37-0	204-881-4	not assigned	01-2119565113-46-xxxx	2,6-di-tert-butyl-p-cresol	< 0,5 % w/w	Aquatic Acute 1, Aquatic Chronic 1	H400, 410
123-35-3	204-622-5	not assigned	01-2119514321-56-xxxx	7-methyl-3-methyleneocta-1,6-diene	< 0,5 % w/w	Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 2	H226, 304, 315, 319, 400, 411

M-factor for environment hazardous substance (CAS no 5989-27-5, 128-37-0)

Acute hazard: M = 1

Chronic hazard: M = 1

M-factor for environment hazardous substance (CAS no 123-68-2, 123-35-3, 142-19-8)

Acute hazard: M = 1

\* Substance for which there are Community workplace exposure limits

For the wording of the listed H phrases and hazard category refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

In the event of health problems, immediately contact doctor. Show MSDS of product.  
Never give anything by mouth to an unconscious person.

#### Protection of first aid responders

Do not take any action that would create a risk to the rescuer unless suitable training.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly water with soap. In the case of persistent irritation consult a doctor.



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**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. Remove contact lenses, if present and easy to do. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water. Do not induce vomiting. Give to drink a glass of water. Contact with doctor immediately and show product label.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Acute symptoms** – product can causes irritation of skin and eyes

**Delayed symptoms** – prolonged or repeated contact with product may cause allergic skin reaction

**Effects of exposure** – no data

#### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician:** No specific antidote, treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powders and foam alcohol resistant, water spray

Small fire extinguished with carbon dioxide (CO<sub>2</sub>) or powder (ABC or BC), a large fire - use foam or water currents eventually dispersed. Precipitated mixture of fumes by dispersed water jets.

**Extinguishing media which must not be used for safety reasons:** a strong jet of water – the risk of fire spreading and environment contamination

#### 5.2. Special hazards arising from the substance or mixture

The combustion of the product may produce carbon oxides and other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

**5.3. Advice for fire-fighters:** strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** vapours of product form flammable/explosive mixtures with air. Vapours are heavier than air, accumulate at the surface of the earth and lower parts of the rooms. Tanks and packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance (risk of explosion), and if possible removed from the hazardous area. Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with releasing product. Avoid contact with skin and eyes. Avoid breathing vapours.

Use personal protective equipment, especially respiratory protection in case of vapour/fumes/aerosols of product. Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Remove sources of ignition, announce prohibition of smoking and using sparking tools. Provide adequate ventilation.

**For emergency responders:** Wear suitable personal protection equipment, see section 8.2.



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## 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers. In case of water contamination inform local authorities.

## 6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Remove all possible sources of ignition in the zone of danger. Small amounts of spilled product soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean up work with adequate ventilation. Contaminated surface rinse with water with detergent.

## 6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with liquid, avoid vapour inhalation. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

**Special measures for protection against fire and explosion:** Prevent formation of flammable /explosive concentrations of vapour in the air, eliminate sources of ignition - don't use open flames, don't smoke.

### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing,
- wash hands with soap and water before eating, smoking and after work,
- use general caution while working with chemical substances.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in properly labelled, sealed containers in a well ventilated warehouse. Protect against heat, contact with potential sources of ignition, direct sunlight. At the warehouse not smoke, eat, use open flame and sparking tools.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTET, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
(2-methoxymethylethoxy) propanol*	34590-94-8	240	480
benzyl alcohol	100-51-6	240	-

\* - absorption of substance through the skin can be just as important as through inhalation

#### Allowable concentration of hazardous ingredient in biological material:

Not determined for product

#### DNEL, PNEC value:



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Not determined for product

## 8.2. Exposure controls

### Technical exposure controls:

Use engineering controls to reduce air contamination to permissible exposure level.

Explosion-proof general and local exhaust ventilation.

### Personal protection:

#### 8.2.1. Professional users (production, transport, storage):

**a) Respiratory protection** – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A

**b) Hand protection** – required protective gloves in case of prolonged or frequently repeated exposure to the product. Wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,4 – 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).

**c) Eye protection** – recommended protective glasses

**d) Skin protection** – recommended protective clothing

**e) Thermal hazards** – not applicable

### EN standards for personal protective equipment

EN 140:1998/AC:1999 Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking

EN 143:2000 + A1:2006 Respiratory protective devices - Particle filters - Requirements, testing, marking

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 420:2003+A1:2009 Protective gloves - General requirements and test methods

EN ISO 374-1:2016/A1:2018 Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks

EN ISO 374-2:2019 Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration

EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact

EN 166:2001 Personal eye-protection - Specifications

EN 172:1994 + A2:2001 Personal eye protection - Sunglare filters for industrial use

EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary

EN ISO 13688:2013 Protective clothing - General requirements

EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

EN ISO 20345:2011 Personal protective equipment - Safety footwear

Applied personal protective equipment must meet the requirements acc. to Regulation (EC) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

#### 8.2.2. Consumer user (use of handling packaging):

There aren't required special protection, it's recommended to wash hands after contact with product before eating or smoking

### Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Form:	liquid
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	> 60°C
Evaporation rate:	no data
Flammability:	product contains flammable components
Upper/lower flammability or explosive limits:	no data
Vapour pressure:	no data
Vapour density:	no data
Density(20°C):	0,95 – 1,05 g/cm <sup>3</sup>
Solubility in water:	no data
Solubility in other solvents:	no data
Partition coefficient: n-octanol/water:	no data
Auto-ignition temperature:	no data
Decomposition temperature:	no data
Viscosity (kinematic, 40°C):	> 20,5 mm <sup>2</sup> /s
Explosive properties:	no data
Oxidising properties:	no data

9.2. Other information no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

### 10.3. Possibility of hazardous reactions

No data

### 10.4 Conditions to avoid

Open flame, other ignition sources

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

Acute toxicity:



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Acute Oral Toxicity: No data available for product

Acute Dermal Toxicity: No data available for product

Acute Inhalation Toxicity: No data available for product

Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6

ATE value (estimated) after swallowing > 2000 mg/kg – product isn't classified as acute toxicity (swallowing) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after skin contact > 2000 mg/kg – product isn't classified as acute toxicity (skin contact) hazardous acc. to Regulation (EC) No 1272/2008

ATE value (estimated) after inhalation > 20 mg/dm<sup>3</sup>/4h (vapours) – product isn't classified as acute toxicity (inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** product classified as irritant (hazard category 2)

**Serious eye damage/irritation:** product classified as irritant (hazard category 2)

**Respiratory or skin sensitisation:** product classified as skin sensitizing (hazard category 1). It contains allergens: d-limonene, coumarin

**Germ cell mutagenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** data not significant for classification. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** data not significant for classification

**STOT-repeated exposure:** data not significant for classification

**Aspiration hazard:** data not significant for classification. May be fatal if swallowed and enters airways. Ingestion causes abdominal pain, vomiting with aspiration risk and aspiration pneumonia

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

No data for product

### 12.2. Persistence and degradability:

No data for product

### 12.3. Bioaccumulative potential:

No data for product

### 12.4. Mobility in soil:

No data for product

**12.5. Results of PBT and vPvB assessment:** ingredients of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Other adverse effects:

Product classified as toxic to the aquatic environment, may cause long-term adverse effects in the aquatic environment. In trade form product poses high risk to the environment.

Take all care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. Recovery or disposal of waste product should be made in accordance with applicable regulations.



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**Disposing of the packaging:** it is prohibited to burn them on the ground. Act like with waste of product.

## SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number: 3082  
14.2. UN proper shipping name: Environmentally hazardous substances, liquid N.O.S.  
14.3. Transport hazard class: 9  
14.4. Packing group: III  
14.5. Environmental hazards: yes  
14.6. Special precautions for user: see section 7.1
- Road transport (ADR):  
Classification code: M6  
Warning label: 9  
Packing instruction: P001  
Code of movement restriction through underpass: -



- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: no data

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaptation to



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technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)  
- Commission Regulation (EU) 2017/776 of 4 May 2017 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)  
- Commission Regulation (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)  
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures and correcting Commission Regulation (EU) 2017/776 (13 ATP)  
- European agreement concerning international road transport of dangerous products (ADR)  
*Federal, State and Local regulations.*

## 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

## SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3  
Acute Tox. 3 (oral) Acute Toxicity (swallowing) Hazard Category 3  
Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4  
Acute Tox. 3 (inh) Acute Toxicity (inhalation) Hazard Category 3  
Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1 Skin Sensitizing, Hazard Category 1  
Asp. Tox. 1 Aspiration hazard, Hazard Category 1  
Aquatic Acute 1 Hazardous to the aquatic environment – Acute, Hazard Category 1  
Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic, Hazard Category 1  
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2  
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic, Hazard Category 3

H226 Flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H331 Toxic if inhaled  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects

Explanation of abbreviations and acronyms used in the MSDS:

UFI – Unique Formula Identifier  
PBT – persistence, bioaccumulation potential and toxicity  
vPvB – very high durability and very bioaccumulative  
CAS – Chemical Abstracts Service



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WE – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".

STEL – short term exposure limits maximum of a substance harmful to health in the workplace

LTEL – long term exposure limits maximum of a substance harmful to health in the workplace

LEL – lower explosive limit

UEL – upper explosive limit

LD50 – lethal dose 50%

LC50 – lethal concentration 50%

UN number – identification number of the material (the number of UN, UN number)

PCN – Poison Center Notification

MSDS was prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was made based on physical-chemical properties and content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: UDM292414-35

Training: persons, who work with this product, should be trained respecting to properties and way of use this product. Use appropriately according to producer data.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

ECHA European Chemicals Agency, <http://echa.europa.eu/>

Botanic, Cosmetic, Flavor and Fragrance Ingredient Information

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.