



# MATERIAL SAFETY DATA SHEET

prepared in accordance with Commission Regulation (EU) 2020/878 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: **BUBBLE GUM** (regarding series of products: MY FRUIT BOMB, THE SHOCK GEL, SMELLS LIKE)

UFI number: R4A0-P0E4-D00P-V0VC

### 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

#### According to the Regulation (WE) no 1272/2008 (as amended)

Product isn't classified as hazardous.

Additional hazard:

EUH208 Contains: linalool, ethyl 2,3-epoxy-3-phenylbutyrate, linalyl acetate. May produce an allergic reaction.

Physical/chemical hazards: product isn't classified as hazardous

Health hazard: product isn't classified as hazardous to health, potentially skin sensitizing, potentially irritating to eyes and skin

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

### 2.2. Label elements

**Pictogram:** Not required

**Signal Word:** Not required

**Hazard statements:** Not required

#### 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



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## Additional labelling:

EUH208 Contains: linalool, ethyl 2,3-epoxy-3-phenylbutyrate, linalyl acetate. May produce an allergic reaction.

## Additional labelling (only for industry and professional users):

EUH210 Safety data sheet available on request

**UFI number:** R4A0-P0E4-D00P-V0VC

## 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 at a concentration equal to or greater than 0,1 % by weight. The mixture doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

## 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
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalol	< 1 % 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	< 1 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411
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

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 or rash 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.



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**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

Thermal decomposition 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:** packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance 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

#### 6.1.1. For non-emergency personnel

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

#### 6.1.2. For emergency responders

See information in section 8

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. In case of water contamination inform local authorities.

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

In case of unsealing of the packaging and releasing of product, transfer product to an empty container or place the damaged packaging in an emergency container. Collect the released product to a closed container for disposal. Carry out cleaning work with adequate ventilation. Rinse contamination area thoroughly with



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water and 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 direct contact of unprotected skin, eyes with product, 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:

Not required

### 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, direct sunlight.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value

There is no exposure standard allocated to hazardous components of this product

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

Not determined

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

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

#### 8.2.2. Individual protection measures, such as personal protective equipment

##### 8.2.2.1. 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.

### 8.2.2.2. 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

### 8.2.3. 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

- |   |                               |
|---|-------------------------------|
| a) Physical state   | liquid, gel                   |
| b) Colour   | pink                          |
| c) Odour  | characteristic                |
| d) Melting point/freezing point                             | not determined                |
| e) Boiling point or initial boiling point and boiling range | not determined                |
| f) Flammability   | no flammable in handling form |
| g) Lower and upper explosion limit                          | not determined                |
| h) Flash point  | not determined                |
| i) Auto-ignition temperature                                | not determined                |
| j) Decomposition temperature                                | not determined                |
| k) pH   | does not apply                |
| l) Kinematic viscosity                                      | not determined                |
| m) Solubility   | no data                       |
| n) Partition coefficient n-octanol/water (log value)        | not determined                |



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- |                             |                |
|-----------------------------|----------------|
| o) Vapour pressure          | not determined |
| p) Density                  | not determined |
| q) Relative vapour density  | not determined |
| r) Particle characteristics | does not apply |

## 9.2. Other information

**9.2.1. Information with regard to physical hazard classes:** no data

**9.2.2. Other safety characteristics**

Explosive properties: no  
Oxidising properties: no

## 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

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 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:** based on available data, the classification criteria are not met

**Serious eye damage/irritation:** based on available data, the classification criteria are not met

**Respiratory or skin sensitisation:** product isn't classified as skin sensitizing. It contains allergens: linalool, ethyl 2,3-epoxy-3-phenylbutyrate, linalyl acetate at content higher than 1/10 of classification concentration limits

**Germ cell mutagenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** based on available data, the classification criteria are not met. Product doesn't



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contain hazardous ingredient mentioned on the list of reproductive toxicity substances  
**STOT-single exposure:** based on available data, the classification criteria are not met  
**STOT-repeated exposure:** based on available data, the classification criteria are not met  
**Aspiration hazard:** based on available data, the classification criteria are not met.

**11.2 Information on other hazards:** no data  
**11.2.1. Endocrine disrupting properties:** no data  
**11.2.2. Other information:** no data

## 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:

Components of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Endocrine disrupting properties

No data for product

### 12.7. Other adverse effects

Product isn't classified as hazardous to the environment, potentially harmful to the aquatic environment, may cause long-term adverse effects. In trade form product poses 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

### 115.1. 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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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 (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



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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. 1B Skin Sensitizing, Hazard Category 1B  
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic, Hazard Category 2

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

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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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: WTX815058-72

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: **CHERRY** (regarding series of products: MY FRUIT BOMB, THE SHOCK GEL, SMELLS LIKE)  
UFI number: 2RA0-707W-J004-HDXT

### 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

#### According to the Regulation (WE) no 1272/2008 (as amended)

Product isn't classified as hazardous.

Additional hazard:

EUH208 Contains: ethyl 2,3-epoxy-3-phenylbutyrate, alpha isomethyl ionone. May produce an allergic reaction.

Physical/chemical hazards: product isn't classified as hazardous

Health hazard: product isn't classified as hazardous to health, potentially skin sensitizing, potentially irritating to eyes and skin

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

### 2.2. Label elements

**Pictogram:** Not required

**Signal Word:** Not required

**Hazard statements:** Not required

#### 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



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## Additional labelling:

EUH208 Contains: ethyl 2,3-epoxy-3-phenylbutyrate, alpha isomethyl ionone. May produce an allergic reaction.

## Additional labelling (only for industry and professional users):

EUH210 Safety data sheet available on request

UFI number: 2RA0-707W-J004-HDXT

## 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 at a concentration equal to or greater than 0,1 % by weight. The mixture doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

## 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
100-52-7	202-860-4	605-012-00-5	01-2119455540-44-xxxx	benzaldehyde	< 2 % 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	< 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	< 1 % w/w	Skin Sens. 1B, Aquatic Chronic 2	H317, 411
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 / alpha isomethyl ionone	< 1 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2	H315, 317, 319, 411

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.



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

Thermal decomposition 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:** packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance 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

#### 6.1.1. For non-emergency personnel

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

#### 6.1.2. For emergency responders

See information in section 8



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## 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. In case of water contamination inform local authorities.

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

In case of unsealing of the packaging and releasing of product, transfer product to an empty container or place the damaged packaging in an emergency container. Collect the released product to a closed container for disposal. Carry out cleaning work with adequate ventilation. Rinse contamination area thoroughly with water and 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 direct contact of unprotected skin, eyes with product, 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:

Not required

### 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, direct sunlight.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value

There is no exposure standard allocated to hazardous components of this product

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

Not determined

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

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





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d) Melting point/freezing point	not determined
e) Boiling point or initial boiling point and boiling range	not determined
f) Flammability	no flammable in handling form
g) Lower and upper explosion limit	not determined
h) Flash point	not determined
i) Auto-ignition temperature	not determined
j) Decomposition temperature	not determined
k) pH	does not apply
l) Kinematic viscosity	not determined
m) Solubility	no data
n) Partition coefficient n-octanol/water (log value)	not determined
o) Vapour pressure	not determined
p) Density	not determined
q) Relative vapour density	not determined
r) Particle characteristics	does not apply

## 9.2. Other information

**9.2.1. Information with regard to physical hazard classes:** no data

### 9.2.2. Other safety characteristics

Explosive properties:	no
Oxidising properties:	no

## 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

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 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



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(inhaled) hazardous acc. to Regulation (EC) No 1272/2008

**Skin corrosion/irritation:** based on available data, the classification criteria are not met

**Serious eye damage/irritation:** based on available data, the classification criteria are not met

**Respiratory or skin sensitisation:** product isn't classified as skin sensitizing. It contains allergens: ethyl 2,3-epoxy-3-phenylbutyrate, alpha isomethyl ionone at content higher than 1/10 of classification concentration limits

**Germ cell mutagenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** based on available data, the classification criteria are not met

**STOT-repeated exposure:** based on available data, the classification criteria are not met

**Aspiration hazard:** based on available data, the classification criteria are not met.

**11.2 Information on other hazards:** no data

**11.2.1. Endocrine disrupting properties:** no data

**11.2.2. Other information:** no data

## 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:

Components of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Endocrine disrupting properties

No data for product

### 12.7. Other adverse effects

Product isn't classified as hazardous to the environment, potentially harmful to the aquatic environment, may cause long-term adverse effects. In trade form product poses 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.



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## 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

### 115.1. 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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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



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

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. 1B Skin Sensitizing, Hazard Category 1B

STOT SE 3 Specific target organ toxicity – Single exposure, Hazard Category 3

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

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

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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: WTX236586-71

Training: persons, who work with this product, should be trained respecting to properties and way of use this

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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: **TROPICAL** (regarding series of products: MY FRUIT BOMB, THE SHOCK GEL, SMELLS LIKE)

UFI number: FNA0-Q0JH-700N-U2CR

### 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

#### According to the Regulation (WE) no 1272/2008 (as amended)

Skin Sens. 1B – Skin sensitisation, Hazard Category 1B 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

Physical/chemical hazards: product isn't classified as hazardous

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, toxic to aquatic life with long lasting effects

### 2.2. Label elements

#### Pictograms:



GHS 07



GHS 09

**Signal Word: Warning**



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## 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

**Hazardous Ingredients:** limonene

**Allergens at content higher than 1/10 value of classification limit:** linalool, citral,  $\alpha$ -hexylcinnamaldehyde, pin-2(3)-ene

**UFI number:** FNA0-Q0JH-700N-U2CR

## 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 at a concentration equal to or greater than 0,1 % by weight

The mixture doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

## 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
138-86-3	205-341-0	601-029-00-7	01-2119529223-47-xxxx	dipentene / limonene	< 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
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 1 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
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
101-86-0	202-983-3	not assigned	01-2119533092-50-xxxx	$\alpha$ -hexylcinnamaldehyde	< 0,5 % w/w	Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2	H317, 400, 411
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
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



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M-factor for environment hazardous substance (CAS no 138-86-3, 80-56-8)

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.

## 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 or rash 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

### 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

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



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## 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:** packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance 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

#### 6.1.1. For non-emergency personnel

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

#### 6.1.2. For emergency responders

See information in section 8

### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. In case of water contamination inform local authorities.

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

In case of unsealing of the packaging and releasing of product, transfer product to an empty container or place the damaged packaging in an emergency container. Collect the released product to a closed container for disposal. Carry out cleaning work with adequate ventilation. Rinse contamination area thoroughly with water and 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 direct contact of unprotected skin, eyes with product, 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:

Not required

#### 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, direct sunlight.



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## 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>
citral	5392-40-5	27	54

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

Not determined

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

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

#### 8.2.2. Individual protection measures, such as personal protective equipment

##### 8.2.2.1. 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



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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.

### 8.2.2.2. 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

### 8.2.3. 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

a) Physical state	liquid, gel
b) Colour	orange
c) Odour	characteristic
d) Melting point/freezing point	not determined
e) Boiling point or initial boiling point and boiling range	not determined
f) Flammability	no flammable in handling form
g) Lower and upper explosion limit	not determined
h) Flash point	not determined
i) Auto-ignition temperature	not determined
j) Decomposition temperature	not determined
k) pH	does not apply
l) Kinematic viscosity	not determined
m) Solubility	no data
n) Partition coefficient n-octanol/water (log value)	not determined
o) Vapour pressure	not determined
p) Density	not determined
q) Relative vapour density	not determined
r) Particle characteristics	does not apply

### 9.2. Other information

**9.2.1. Information with regard to physical hazard classes:** no data

### 9.2.2. Other safety characteristics

Explosive properties: no

Oxidising properties: no

## 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



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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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 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:** based on available data, the classification criteria are not met

**Serious eye damage/irritation:** based on available data, the classification criteria are not met

**Respiratory or skin sensitisation:** product is classified as skin sensitizing (hazard category 1B). It contains allergens: limonene, linalool, citral,  $\alpha$ -hexylcinnamaldehyde, pin-2(3)-ene

**Germ cell mutagenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances

**Carcinogenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** based on available data, the classification criteria are not met

**STOT-repeated exposure:** based on available data, the classification criteria are not met

**Aspiration hazard:** based on available data, the classification criteria are not met.

**11.2 Information on other hazards:** no data

**11.2.1. Endocrine disrupting properties:** no data

**11.2.2. Other information:** no data

## 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:

Components 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. Endocrine disrupting properties

No data for product

## 12.7. Other adverse effects

Product is 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.

**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 or ID number: 3077  
14.2. UN proper shipping name: Environmentally hazardous substances, solid N.O.S. (limonene)  
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: M7  
Warning label: 9  
Packing instruction: P001  
Code of movement restriction through underpass: -



14.7. Maritime transport in bulk according to IMO instruments: doesn't concern

## SECTION 15: REGULATORY INFORMATION

### 115.1. 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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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



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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 (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. 4 (oral) Acute Toxicity (swallowing) 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  
Skin Sens. 1B Skin Sensitizing, Hazard Category 1B  
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

H226 Flammable liquid and vapour  
H302 Harmful if swallowed  
H304 May be fatal if swallowed and enters airways  
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

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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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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: WTX247364-76

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: **TUTTI FRUTTI** (regarding series of products: MY FRUIT BOMB, THE SHOCK GEL, SMELLS LIKE)

UFI number: MGA0-Q05Q-M00N-HD6M

### 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

#### According to the Regulation (WE) no 1272/2008 (as amended)

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

Additional hazard:

EUH208 Contains: linalool, linalyl acetate, hexyl salicylate. May produce an allergic reaction.

Physical/chemical hazards: product isn't classified as hazardous

Health hazard: product isn't classified as hazardous to health, potentially 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

### 2.2. Label elements

**Pictogram:** Not required

**Signal Word:** Not required

#### Hazard statements:

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



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## Additional labelling:

EUH208 Contains: linalool, linalyl acetate, hexyl salicylate. May produce an allergic reaction.

**UFI number:** MGA0-Q05Q-M00N-HD6M

## 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 at a concentration equal to or greater than 0,1 % by weight

The mixture doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

## 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
120-51-4	204-402-9	607-085-00-9	01-2119976371-33-xxxx	benzyl benzoate	< 3 % w/w	Acute Tox. 4 (oral), Aquatic Chronic 2	H302, 411
78-70-6	201-134-4	603-235-00-2	01-2119474016-42-xxxx	linalool	< 1 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
115-95-7	204-116-4	not assigned	01-2119454789-19-xxxx	linalyl acetate	< 0,5 % w/w	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	H315, 317, 319
6259-76-3	228-408-6	not assigned	01-2119638275-36-xxxx	hexyl salicylate	< 0,5 % w/w	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 1	H315, 317, 410

M-factor for environment hazardous substance (CAS no 6259-76-3)

Acute hazard: M = 1

Chronic hazard: M = 1

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 or rash 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

Thermal decomposition 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:** packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance 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

##### 6.1.1. For non-emergency personnel

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

##### 6.1.2. For emergency responders

See information in section 8

#### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. In case of water contamination inform local authorities.



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

In case of unsealing of the packaging and releasing of product, transfer product to an empty container or place the damaged packaging in an emergency container. Collect the released product to a closed container for disposal. Carry out cleaning work with adequate ventilation. Rinse contamination area thoroughly with water and 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 direct contact of unprotected skin, eyes with product, 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:

Not required

### 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, direct sunlight.

### 7.3. Specific end use(s)

Fragrance composition

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational Exposure Limit Value

There is no exposure standard allocated to hazardous components of this product

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

Not determined

#### DNEL, PNEC value:

Not determined for product

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

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

#### 8.2.2. Individual protection measures, such as personal protective equipment

##### 8.2.2.1. 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.

### 8.2.2.2. 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

### 8.2.3. 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

- |   |                               |
|---|-------------------------------|
| a) Physical state   | liquid, gel                   |
| b) Colour   | pink                          |
| c) Odour  | characteristic                |
| d) Melting point/freezing point                             | not determined                |
| e) Boiling point or initial boiling point and boiling range | not determined                |
| f) Flammability   | no flammable in handling form |
| g) Lower and upper explosion limit                          | not determined                |
| h) Flash point  | not determined                |
| i) Auto-ignition temperature                                | not determined                |
| j) Decomposition temperature                                | not determined                |



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k) pH	does not apply
l) Kinematic viscosity	not determined
m) Solubility	no data
n) Partition coefficient n-octanol/water (log value)	not determined
o) Vapour pressure	not determined
p) Density	not determined
q) Relative vapour density	not determined
r) Particle characteristics	does not apply

## 9.2. Other information

**9.2.1. Information with regard to physical hazard classes:** no data

### 9.2.2. Other safety characteristics

Explosive properties: no

Oxidising properties: no

## 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

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 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:** based on available data, the classification criteria are not met

**Serious eye damage/irritation:** based on available data, the classification criteria are not met

**Respiratory or skin sensitisation:** product isn't classified as skin sensitizing. It contains allergens: linalool, linalyl acetate, hexyl salicylate at content higher than 1/10 of classification concentration limits

**Germ cell mutagenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of mutagenic substances



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**Carcinogenicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of carcinogenic substances

**Reproductive toxicity:** based on available data, the classification criteria are not met. Product doesn't contain hazardous ingredient mentioned on the list of reproductive toxicity substances

**STOT-single exposure:** based on available data, the classification criteria are not met

**STOT-repeated exposure:** based on available data, the classification criteria are not met

**Aspiration hazard:** based on available data, the classification criteria are not met.

**11.2 Information on other hazards:** no data

**11.2.1. Endocrine disrupting properties:** no data

**11.2.2. Other information:** no data

## 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:

Components of product don't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### 12.6. Endocrine disrupting properties

No data for product

### 12.7. Other adverse effects

Product is 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



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- 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

### 115.1. 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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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 (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:

Acute Tox. 4 (oral) Acute Toxicity (swallowing) 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. 1B Skin Sensitizing, Hazard Category 1B  
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

H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of 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: WTX464283-74

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.



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