

EP 75W/85

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name EP 75W/85
Product code 1721
Unique Formula Identifier (UFI) EVR1-90RJ-100S-3X01

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

Identified Use(s) Lubricating oil.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet**Manufacturer**

Company Identification Granville Oil & Chemicals Ltd
Address of Manufacturer 29 Goldthorpe Ind. Est.,
Goldthorpe,
Rotherham,
South Yorkshire,
Postal code S63 9BL
Telephone: +44 (0)1709 890099
Fax Not known.
E-mail lab@granvilleoil.com
Office hours 08:00 - 17:00

Supplier

Company Identification Veedol Deutschland GmbH
Address of Supplier Hans-Böckler-Straße 10
Langenfeld,
Germany

Postal code 40764
Telephone: +49 (0) 2173 893 30 30
Fax Not known.
E-mail lab@granvilleoil.com
Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1709 890099
Contact Granville Lab

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

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Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	EUH208: Contains: (Amines, C10-C14-tert-alkyl) May produce an allergic reaction.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children.
Unique Formula Identifier (UFI)	EVR1-90RJ-100S-3X01
2.3 Other hazards	None known.
2.4 Additional Information	None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-basedBaseoil	72623-86-0	276-737-9	4-7	Asp. Tox. 1 H304	GHS08
Distillates (petroleum), hydrotreated heavy paraffinicBaseoil - unspecified[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]	64742-54-7	265-157-1 01- 2119484627- 25	3-5	Not classified	None
Phosphoric acid, mono- and bis(branched and linear pentyl) esters	84418-71-3	282-784-6 01- 2119979550- 30	0.2- 0.5	Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05

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1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol	89347-09-1	293-927-7 01- 2119976351- 35	<3	Aquatic Chronic 3 H412	None
Amines, C10-C14-tert-alkyl	68955-53-3	701-175-2 01- 2119456798- 18	0.1- 0.4	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09
Distillates (petroleum), solvent-dewaxed heavy paraffinicBaseoil - unspecified[A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]	64742-65-0	265-169-7 01- 2119471299- 27	0.1- 0.4	Asp. Tox. 1 H304	GHS08
Distillates (petroleum), solvent-refined heavy paraffinicBaseoil - unspecified[A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100 °F (19cSt at 40 °C).]	64741-88-4	265-090-8 01- 2119488706- 23	0.1- 0.4	Not classified	None
C16-18-(even numbered, saturated and unsaturated)-alkylamines	112-90-3	627-034-4 01- 2119473797- 19	<0.1	Acute Tox. 4 H302 Asp. Tox. 1 H304 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT SE 3 H335 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS08 GHS07 GHS09
Methyl-1H-benzotriazole	29385-43-1	249-596-6 01- 2119979081- 35	<1	Acute Tox. 4 H302 Repr. 2 H361d Aquatic Chronic 2 H411	GHS08 GHS07 GHS09

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HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Amines, C10-C14-tert-alkyl	68955-53-3			Acute Tox. 4 (H302) : 500 Acute Tox. 3 (H311) : 300 Acute Tox. 2 (H330) : 0.500
C16-18-(even numbered, saturated and unsaturated)-alkylamines	112-90-3			Acute Tox. 4 (H302) : 500
Methyl-1H-benzotriazole	29385-43-1			Acute Tox. 4 (H302) : 500

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	Foam, CO ₂ or dry Powder.
Unsuitable extinguishing media	Do not use water

5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

5.3 Advice for firefighters

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Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses..

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE
7.1 Precautions for safe handling
7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Wear Impervious Gloves (EN374)

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Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Amber.
Odour	Characteristic odour.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	≥60 mm ² /s
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

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Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 231481.48
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 250000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 416.67
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Self classification: Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

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- Not known.
- 12.6 Endocrine disrupting properties**
None known.
- 12.7 Other adverse effects**
Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Dispose at suitable refuse site.
- 13.2 Additional Information**
No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

- 14.1 UN number or ID number**
Not applicable
- 14.2 UN proper shipping name**
Not applicable
- 14.3 Transport hazard class(es)**
Not applicable
- 14.4 Packing group**
Not applicable
- 14.5 Environmental hazards**
Not classified as a Marine Pollutant.
- 14.6 Special precautions for user**
Not known
- 14.7 Maritime transport in bulk according to IMO instruments**
Not known

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
Carcinogens: category 1B (64742-65-0), Carcinogens: category 1B (64742-54-7), Carcinogens: category 1B (64741-88-4), Carcinogens: category 1B (72623-86-0), Phosphoric acid, mono- and bis(branched and linear pentyl) esters (84418-71-3), 1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol (89347-09-1), Amines, C10-C14-tert-alkyl (68955-53-3), C16-18-

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(even numbered, saturated and unsaturated)-alkylamines (112-90-3), Methyl-1H-benzotriazole (29385-43-1)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

None.

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Asp. Tox. 1 : Aspiration hazard, Category 1

Acute Tox. 3 : Acute toxicity, Category 3

Skin Corr. 1B : Skin corrosion/irritation, Category 1B

Skin Sens. 1A : Skin sensitization, Category 1A

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

Acute Tox. 2 : Acute toxicity, Category 2

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Repr. 2 : Reproductive toxicity, Category 2

STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

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Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H330: Fatal if inhaled.

H335: May cause respiratory irritation.

H361d: Suspected of damaging the unborn child.

H373: May cause damage to organs through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

None.

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)
data used to compile the SDS

Training Advice

Regular safety training as appropriate

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