

Printing date 19.09.2024 Version: 3.00 (replaces version 2.00) Revision: 24.10.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name: SONAX Scratch Remover Paintwork (Polish)

Article number: B03208410, B03208180

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

Application of the substance / the mixture

Car care product

Abrasive

Consumer uses: Private households / general public / consumers

Professional uses

Uses advised against None

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

Manufacturer/Supplier:

SONAX GmbH Münchener Straße 75 D-86633 Neuburg (Donau) Tel.: ++49 (0)8431/53-0

## Further information obtainable from:

Product safety

E-mail: erp@sonax.de

Phone: + +49 (0) 8431 53 217

United Kingdom:

Anglo American Oil Company Ltd

58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT

Telephone: (+44) 01929 551557

Email: info@aaoil.co.uk

#### 1.4 Emergency telephone number:

European Union: +49 (0) 89 19240 (Poison Centre Munich)

<u>United Kingdom:</u> 0344 892 0111 (UK NPIS)

Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111

In Northern Ireland, contact your local GP

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the GB CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

## Results of PBT and vPvB assessment

PBT:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

#### Determination of endocrine-disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Description: Emulsion of solvents, abrasives and additives



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Trade name: SONAX Scratch Remover Paintwork (Polish)

(Contd. of page 1) Dangerous components: CAS: 72623-86-0 5-<10% Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-EINECS: 276-737-9 based Reg.nr.: 01-2119474878-16-XXXX 🗞 Asp. Tox. 1, H304 EC No 934-956-3 Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 3-<5% Reg.nr.: 01-2119827000-58-xxxx 0.03% aromatics Alternative CAS number: 64742-46-7 🕸 Asp. Tox. 1, H304 CAS: 56-81-5 glycerol 3-<5% substance with a Community workplace exposure limit EINECS: 200-289-5 EC No 934-954-2 Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 1-<3% Reg.nr.: 01-2119826592-36-xxxx 0.03% aromatics Alternative CAS number: 64742-46-7 🗞 Asp. Tox. 1, H304 EINECS: 265-149-8 Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% 1-<3% Reg.nr.: 01-2119453414-43-xxxx aromatics Alternative CAS number: 64742-47-8 🕸 Asp. Tox. 1, H304, EUH066

Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: Remove soiled clothing

After inhalation: Supply fresh air.

After skin contact: Wash the areas of skin affected with water and a mild detergent.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

## SECTION 5: Firefighting measures

## 5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

### 5.3 Advice for firefighters

### Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

## SECTION 6: Accidental release measures

## **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation For non-emergency personnel

The usual precautionary measures are to be adhered to when handling chemicals.

For emergency responders Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

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

Pick up mechanically.

Absorb liquid components with liquid-binding material.

Dispose contaminated material as waste according to section 13.

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Trade name: SONAX Scratch Remover Paintwork (Polish)

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#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special precautions are necessary if used correctly. **Information about fire - and explosion protection:** No special measures required.

## 7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Provide solvent resistant, sealed floor.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe local/state/federal regulations.

Further information about storage conditions:

Store receptacle in a well ventilated area.

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

ingredients with limit values that require monitoring at the workplace:		
CAS: 56-81-5 glycerol		
WEL (Great Britain)	Long-term value: 10 mg/m³	
OEL (Ireland) Long-term value: 10 mg/m³		

Regulatory information

WEL (Great Britain): EH40/2020

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

### **DNELs**

#### CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based				
Inhalative	DNEL	1.2 mg/m³ (consumer) (local / longterm (repeated))		
		5.4 mg/m³ (worker) (local / longterm (repeated))		

Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

#### Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

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

## General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

## Respiratory protection:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

Hand protection Not required in normal cases.

Eye/face protection Not required in normal cases

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## SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state Fluid Colour: White Odour: Solvent-like Melting point/freezing point: Undetermined.

Boiling point or initial boiling point and boiling

100 - 355 °C range **Flammability** Not applicable.

Lower and upper explosion limit

Not determined. Lower: Upper: Not determined. Flash point: Not applicable. Decomposition temperature: Not determined. Not applicable. pН

Viscosity:

Kinematic viscosity at 40 °C >20.5 mm<sup>2</sup>/s

Solubility

Partly miscible. water: Not determined. Partition coefficient n-octanol/water (log value) Vapour pressure: Not determined.

Density and/or relative density

Density at 20 °C: 0.98 - 0.99 g/cm3 Vapour density Not determined.

9.2 Other information

Appearance:

Form: Pasty

Important information on protection of health and

environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Void

Void

Change in condition

Evaporation rate Not determined.

Information with regard to physical hazard classes

**Explosives** Flammable gases Void Aerosols Void Oxidising gases Void Gases under pressure Void Flammable liquids Void Flammable solids Void Self-reactive substances and mixtures Void **Pyrophoric liquids** Void Pyrophoric solids Void Self-heating substances and mixtures Void Substances and mixtures, which emit flammable gases in contact with water Void Oxidising liquids Void Oxidising solids Void Organic peroxides Void Corrosive to metals Void

## SECTION 10: Stability and reactivity

Desensitised explosives

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.

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10.4 Conditions to avoid See Section 7 for information on safe handling.

10.5 Incompatible materials: strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

## **SECTION 11: Toxicological information**

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

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 v	LD/LC50 values relevant for classification:		
CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based			
Oral	LD50	>5,000 mg/kg (rat)	
Dermal	LD50	>2,000 mg/kg (rabbit)	
Inhalative	LC50/4d	>5,000 mg/l (rat)	
Hydrocarl	bons, C15-	C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>3,160 mg/kg (rabbit) (OECD 402)	
Inhalative	LC50 / 4h	>5.266 mg/m³ (rat) (OECD 403)	
Hydrocari	bons, C13-	C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>3,160 mg/kg (rabbit) (OECD 402)	
Inhalative	LC50 / 4h	>5.266 mg/m³ (rat) (OECD 403)	
Hydrocari	bons, C12-	C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)	
Inhalative	LC50 / 4h	>5.6 mg/m³ (rat) (OECD 403)	

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 Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

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

Viscosity: > 20,5mm²/s (40°C)

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

## Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

## SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

Aquatic toxicity:			
CAS: 72623-	CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		
NOEC / 2 d	≥10,000 mg/l (Daphnia magna) (OECD 202)		
LC50 / 96h	>100 mg/l (fish)		
EC50 / 48h	>10,000 mg/l (Daphnia magna) (OECD 202)		
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	ErC 50 / 72h	>100 mg/l (algae)	
	NOEC 96h	≥100 mg/l (fish) (OECD 203)	
	NOEC / 21 d	≥10 mg/l (Daphnia magna) (OECD 211)	
	NOEC / 72 h	≥100 mg/l (algae)	
	Hydrocarbon	s, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
	LC50 / 4 d	>1,028 mg/l (Scophtalamus maximus) (OECD 203)	
	LC50 / 48h	>3,193 mg/l (Acartia tonsa)	
	NOEC / 21 d	>1,000 mg/l (Daphnia magna)	
	NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)	
	LC50 / 3 d	>10,000 mg/l (Skeletonema costatum)	
	Hydrocarbon	s, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
	LC50 / 2 d	>3,193 mg/l (Acartia tonsa)	
	LC50 / 4 d	>1,028 mg/l (Scophtalamus maximus) (OECD 203)	
	NOEC / 21 d	>1,000 mg/l (Daphnia magna)	
	NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)	
- 1	EC50 / 3 d	>10,000 mg/l (Skeletonema costatum)	
	•	s, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
	LC50 / 2 d	>1,000 mg/l (Daphnia magna) (OECD 202)	
- 1	LC50 / 4 d	>1,000 mg/l (Oncorhynchus mykiss) (OECD 203)	
- 1		>1,000 mg/l (Daphnia magna)	
	NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)	
	EC50 / 3 d	>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	
	12.2 Persiste	nce and degradability	
	CAS: 72623-8	86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
	Biodegradatio	n >60 % (28d)	
	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics		
- 1	Biodegradatio		
- 1	•	ns, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
	Biodegradatio		
- 1	•	s, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
	Biodegradatio	nn 67.6 %	

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

## 12.5 Results of PBT and vPvB assessment

#### PBT:

According to information provided in the supply chain, the mix conatins less than 0.1% of any substances classified as PBT

#### vPvB:

According to information provided in the supply chain, the mix conatins less than 0.1% of any substances classified as vPvB

## 12.6 Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

## 12.7 Other adverse effects

## Additional ecological information:

General notes: The product may not be released into the environment without control.

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Not classified as hazardous waste according to Annex III to Directive 2008/98/EC.

Recommendation Waste must be disposed of while observing the local, official regulations.

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#### European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging

12 01 99 wastes not otherwise specified

15 01 02 plastic packaging

## SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA

**Class** Void

14.4 Packing group

ADR/RID/ADN, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

UN "Model Regulation": Void

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Directives:

Directive 2010/75/EU (VOC) 6.40 %

Catégorie SEVESO (DIRECTIVE 2012/18/EU) not subject to

**REGULATION (EU) 2019/1148** 

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

## Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

## National regulations:

#### Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

**Date of previous version:** 24.05.2022 **Version number of previous version:** 2.00

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

NOEL = No Observed Effect Level

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NOEC = No Observed Effect Concentration

LC = letal Concentration

EC - letal Concentration

EC 50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International

Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Asp. Tox. 1: Aspiration hazard - Category 1

\* Data compared to the previous version altered.



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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name: SONAX Scratch Remover Paintwork (Finish)

Article number: B03058410, B03058180

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

Application of the substance / the mixture

Car care product

Abrasive

Consumer uses: Private households / general public / consumers

Professional uses

Uses advised against None

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

Manufacturer/Supplier:

SONAX GmbH Münchener Straße 75 D-86633 Neuburg (Donau) Tel.: ++49 (0)8431/53-0

## Further information obtainable from:

Product safety

E-mail: erp@sonax.de

Phone: + +49 (0) 8431 53 217

United Kingdom:

Anglo American Oil Company Ltd

58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT

Telephone: (+44) 01929 551557

Email: info@aaoil.co.uk

#### 1.4 Emergency telephone number:

European Union: +49 (0) 89 19240 (Poison Centre Munich)

United Kingdom: 0344 892 0111 (UK NPIS)

Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111

In Northern Ireland, contact your local GP

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the GB CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

#### Determination of endocrine-disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Emulsion of solvents, abrasives and additives



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Trade name: SONAX Scratch Remover Paintwork (Finish)

(Contd. of page 1) Dangerous components: CAS: 72623-86-0 5-<10% Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-EINECS: 276-737-9 based Reg.nr.: 01-2119474878-16-XXXX 🕸 Asp. Tox. 1, H304 CAS: 107-98-2 1-Methoxy-2-propanol 3-<5% EINECS: 203-539-1 🚸 Flam. Lig. 3, H226; ઇ STOT SE 3, H336 Reg.nr.: 01-2119457435-35-xxxx EC No 934-956-3 Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 3-<5% Reg.nr.: 01-2119827000-58-xxxx 0.03% aromatics Alternative CAS number: 64742-46-7 🕸 Asp. Tox. 1, H304 CAS: 56-81-5 glycerol 3-<5% EINECS: 200-289-5 substance with a Community workplace exposure limit Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < EC No 934-954-2 1-<3% Reg.nr.: 01-2119826592-36-xxxx 0.03% aromatics Alternative CAS number: 64742-46-7 🗞 Asp. Tox. 1, H304 EINECS: 265-149-8 Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% 1-<3% Reg.nr.: 01-2119453414-43-xxxx aromatics Alternative CAS number: 64742-47-8 🗞 Asp. Тох. 1, Н304, EUH066

Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

## 4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Wash the areas of skin affected with water and a mild detergent.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

## SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

## Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

## SECTION 6: Accidental release measures

## **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation **For non-emergency personnel**

The usual precautionary measures are to be adhered to when handling chemicals.

For emergency responders Wear protective equipment. Keep unprotected persons away.

## 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

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

Pick up mechanically.

Absorb liquid components with liquid-binding material.

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special precautions are necessary if used correctly. **Information about fire - and explosion protection:** No special measures required.

## 7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Provide solvent resistant, sealed floor.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe local/state/federal regulations.

Further information about storage conditions:

Store receptacle in a well ventilated area.

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

CAS: 107-98-2 1-Me	ethoxy-2-propanol	
	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Sk	
IOELV (EU)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Skin	
OEL (Ireland)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm IOELV	
CAS: 56-81-5 glycerol		
WEL (Great Britain)	Long-term value: 10 mg/m³	
OEL (Ireland)	Long-term value: 10 mg/m³	

WEL (Great Britain): EH40/2020 IOELV (EU): (EU) 2019/1831

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

DNELs			
CAS: 726	23-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
Inhalative	DNEL	1.2 mg/m³ (consumer) (local / longterm (repeated))	
		5.4 mg/m³ (worker) (local / longterm (repeated))	
CAS: 107-98-2 1-Methoxy-2-propanol			
Oral	DNEL	3.3 mg/kg (consumer) (long-term / systemic effects)	
Dermal	DNEL	18.1 mg/kg (consumer) (long-term / systemic effects)	
		50.6 mg/kg (worker) (long-term / systemic effects)	
Inhalative	DNEL	43.9 mg/m³ (consumer) (long-term / systemic effects)	

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553.5 mg/m³ (worker) (short-term / local effects)

DNEL 369 mg/m³ (worker) (long-term / systemic effects)

**PNECs** 

CAS: 107-98-2 1-Methoxy-2-propanol

PNEC 100 mg/l (STP)

100 mg/l (water (intermittent release))

10 mg/l (water (fresh water)) 1 mg/l (water (sea water))

PNEC 2.47 mg/kg (gro)

41.6 mg/kg (sediment (fresh water)) 4.17 mg/kg (sediment (sea water))

Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

#### Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn

Not determined.

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

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

## Respiratory protection:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

Hand protection Not required in normal cases.

Eye/face protection Not required in normal cases

## SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**General Information** 

Physical stateFluidColour:WhiteOdour:Solvent-likeMelting point/freezing point:Undetermined.

Boiling point or initial boiling point and boiling

range 100 - 310 °C Flammability Not applicable.

Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Decomposition temperature: Not determined.
pH Not applicable.

Viscosity:

Kinematic viscosity at 40 °C >20.5 mm<sup>2</sup>/s

Solubility
water: Partly miscible.
Partition coefficient n-octanol/water (log value)
Not determined.

Vapour pressure:
Density and/or relative density

Density at 20 °C:0.98 - 0.99 g/cm³Relative densityNot determined.Vapour densityNot determined.

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9.2 Other information

Appearance:

Form: Emulsion

Important information on protection of health and

environment, and on safety.

Ignition temperature: Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

Change in condition
Evaporation rate

Not determined.

Information with regard to physical hazard classes

Void **Explosives** Flammable gases Void Void **Aerosols** Oxidising gases Void Gases under pressure Void Flammable liquids Void Flammable solids Void Self-reactive substances and mixtures Void Pyrophoric liquids Void Pyrophoric solids Void Self-heating substances and mixtures Void Substances and mixtures, which emit flammable gases in contact with water Void **Oxidising liquids** Void Oxidising solids Void Organic peroxides Void Corrosive to metals Void Desensitised explosives Void

## SECTION 10: Stability and reactivity

- 10.1 Reactivity No dangerous reactions known.
- 10.2 Chemical stability Stable under normal conditions.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid See Section 7 for information on safe handling.
- 10.5 Incompatible materials: strong oxidizing agents
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

## SECTION 11: Toxicological information

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

Acute toxicity Based on available data, the classification criteria are not met.		
LD/LC50 values relevant for classification:		
CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4d	>5,000 mg/l (rat)
CAS: 107-	98-2 1-Met	thoxy-2-propanol
Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC0 / 6h	>7,000 ppm (rat)
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>3,160 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>5.266 mg/m³ (rat) (OECD 403)
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Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>3,160 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>5.266 mg/m³ (rat) (OECD 403)
Hydrocarl	bons, C12-	C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>5.6 mg/m³ (rat) (OECD 403)

**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 Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

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STOT-repeated exposure Based on available data, the classification criteria are not met.

### Aspiration hazard

Viscosity: > 20,5mm²/s (40°C)

Based on available data, the classification criteria are not met.

#### 11.2 Information on other hazards

#### Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

## **SECTION 12: Ecological information**

**12.1 Toxicity** There are no ecotoxicological data available on this mixture.

Aquatic toxic	Aquatic toxicity:			
	,			
	CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based			
NOEC / 2 d	≥10,000 mg/l (Daphnia magna) (OECD 202)			
LC50 / 96h	>100 mg/l (fish)			
EC50 / 48h	>10,000 mg/l (Daphnia magna) (OECD 202)			
ErC 50 / 72h	>100 mg/l (algae)			
NOEC 96h	≥100 mg/l (fish) (OECD 203)			
NOEC / 21 d	≥10 mg/l (Daphnia magna) (OECD 211)			
NOEC / 72 h	≥100 mg/l (algae)			
CAS: 107-98-	2 1-Methoxy-2-propanol			
LC50 / 96h	>6,800 mg/l (Leuciscus idus) (DIN38412)			
LC50 / 48h	23,300 mg/l (Daphnia magna)			
EC50	>1,000 mg/l (Pseudokirchneriella subcapitata) (7d)			
EC50/3h	>1,000 mg/l (activated sludge) (OECD 209)			
Hydrocarbon	s, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics			
LC50 / 4 d	>1,028 mg/l (Scophtalamus maximus) (OECD 203)			
LC50 / 48h	>3,193 mg/l (Acartia tonsa)			
NOEC / 21 d	>1,000 mg/l (Daphnia magna)			
NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)			
LC50 / 3 d	>10,000 mg/l (Skeletonema costatum)			
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	Hydrocarbon	s, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
	LC50 / 2 d	>3,193 mg/l (Acartia tonsa)	
	LC50 / 4 d	>1,028 mg/l (Scophtalamus maximus) (OECD 203)	
	NOEC / 21 d	>1,000 mg/l (Daphnia magna)	
	NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)	
	EC50 / 3 d	>10,000 mg/l (Skeletonema costatum)	
	Hydrocarbon	s, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
	LC50 / 2 d	>1,000 mg/l (Daphnia magna) (OECD 202)	
	LC50 / 4 d	>1,000 mg/l (Oncorhynchus mykiss) (OECD 203)	
	NOEC / 21 d	>1,000 mg/l (Daphnia magna)	
	NOEC / 28d	>1,000 mg/l (Oncorhynchus mykiss)	
	EC50/3 d	>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	
Γ	12.2 Persiste	nce and degradability	
	CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		
	Biodegradation >60 % (28d)		
	CAS: 107-98-2 1-Methoxy-2-propanol		
Г	Biodegradation 90-100 % (OEECD 301E)		
	Hydrocarbon	s, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
	Biodegradatio	n 74 %	
Г	Hydrocarbon	s, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	
Г	Biodegradation 74 %		
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
	Biodegradation 67.6 %		
Г	12.3 Bioaccu	mulative potential	
		2 1-Methoxy-2-propanol	
	log Kow ≤0.4	3 (25°C)	
	40 4 84 1 111	in sail No further relevant information available	

12.4 Mobility in soil No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

### PBT:

According to information provided in the supply chain, the mix conatins less than 0.1% of any substances classified as PBT

## vPvB:

According to information provided in the supply chain, the mix conatins less than 0.1% of any substances classified as vPvB

## 12.6 Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

#### 12.7 Other adverse effects

### Additional ecological information:

General notes: The product may not be released into the environment without control.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Not classified as hazardous waste according to Annex III to Directive 2008/98/EC.

**Recommendation** Waste must be disposed of while observing the local, official regulations.

## European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging

12 01 99	wastes not otherwise specified
15 01 02	plastic packaging

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15 01 04 metallic packaging

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SECTION 14: Transport information	
14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR/RID/ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR/RID/ADN, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No

## SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Directives:

Directive 2010/75/EU (VOC) 6.40 %

Catégorie SEVESO (DIRECTIVE 2012/18/EU) not subject to

Void

**REGULATION (EU) 2019/1148** 

**UN "Model Regulation":** 

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

## Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

#### National regulations:

### Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

Flammable liquid and vapour. H226

H304 May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

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## Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration

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log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent IOELV = indicative occupational exposure limit values

Flam. Liq. 3: Flammable liquids – Category 3
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
\* Data compared to the previous version altered.