

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 15.12.2023

Version: 7.00 (replaces version 6.01)

Revision: 22.04.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX Rubber Protectant**Article number:**

03402000

UFI: A2Q0-805D-A00E-U4AU**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture**

Car care product

Consumer uses: Private households / general public / consumers

Professional uses

Uses advised against There is currently no information available on this.**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**

Aerosol 1 H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms

GHS02 GHS07

Signal word Danger**Hazard-determining components of labelling:**

C9-10 Alkane/Cycloalkane

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P261 Avoid breathing spray.
 P271 Use only outdoors or in a well-ventilated area.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P405 Store locked up.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
 Buildup of explosive mixtures possible without sufficient ventilation.

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: Formulation consisting of pressurised gas and mixture of solvents with silicones.

Dangerous components:

EC No 927-241-2 Reg.nr.: 01-2119471843-32-xxxx	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics Alternative CAS number: 64742-48-9 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336; Aquatic Chronic 3, H412, EUH066	75-100%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide ⚠ Press. Gas (Ref. Liq.), H281	3-<5%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	1-<3%
CAS: 110-25-8 EC number: 701-177-3 Reg.nr.: 01-2119488991-20-xxxx	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1); ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	<0.25%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons	≥30%
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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:**

Take affected persons out of danger area and lay down.
 Remove soiled clothing

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After inhalation:

Supply fresh air.

In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately.

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. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.**4.2 Most important symptoms and effects, both acute and delayed**

Headache

Dizziness

Nausea

Drowsiness

Reddening, drying and crack formation of the skin

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:**

Foam

Carbon dioxide

Fire-extinguishing powder

Water haze

For safety reasons unsuitable extinguishing agents: Water with full jet**5.2 Special hazards arising from the substance or mixture**

Can form explosive gas-air mixtures.

In case of fire, the following can be released:

Carbon monoxide (CO)

Sulphur dioxide (SO₂)**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

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

See Section 8 for information on personal protection equipment.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation**For non-emergency personnel** Keep away from ignition sources.**For emergency responders** Wear protective equipment. Keep unprotected persons away.**6.2 Environmental precautions:**

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

Do not allow to penetrate the ground/soil.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Buildup of explosive mixtures possible without sufficient ventilation.

Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.
Highly volatile, flammable constituents are released during processing.
Fumes can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.
Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility:

Store away from foodstuffs.
Observe local/state/federal regulations.

Further information about storage conditions:

Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
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: 124-38-9 carbon dioxide

WEL (Great Britain)	Short-term value: 27400 mg/m ³ , 15000 ppm Long-term value: 9150 mg/m ³ , 5000 ppm
IOELV (EU)	Long-term value: 9000 mg/m ³ , 5000 ppm
OEL (Ireland)	Long-term value: 9000 mg/m ³ , 5000 ppm IOELV

CAS: 123-86-4 n-butyl acetate

WEL (Great Britain)	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
IOELV (EU)	Short-term value: 723 mg/m ³ , 150 ppm Long-term value: 241 mg/m ³ , 50 ppm
OEL (Ireland)	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm

Regulatory information

WEL (Great Britain): EH40/2020
IOELV (EU): (EU) 2019/1831
OEL (Ireland): 2020 CoP for the Safety, Health and Welfare at Work

DNELs

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	DNEL	125 mg/kg bw/day (consumer) (ChronicExposure, SystemicEffects)
Dermal	DNEL	125 mg/kg bw/day (consumer) (ChronicExposure, SystemicEffects) 208 mg/kg bw/day (worker) (ChronicExposure, SystemicEffects)

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Inhalative	DNEL	185 mg/m ³ (consumer) (ChronicExposure, SystemicEffects) 871 mg/m ³ (worker) (ChronicExposure, SystemicEffects)
CAS: 123-86-4 n-butyl acetate		
Oral	DNEL	35.7 mg/cm ³ (consumer) (chronic - local effects)
Dermal	DNEL	11 mg/cm ² (worker) (chronic - systemic effects)
Inhalative	DNEL	300 mg/m ³ (worker) (chronic - local effects)
CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine		
Oral	DNEL	92 mg/kg (consumer) (acute systematic effects)
	DNEL	5 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	50 mg/kg (consumer) (acute systematic effects) 10 mg/kg (worker) (longterm systematic effects)
	DNEL	5 mg/kg (consumer) (longterm systematic effects) 100 mg/kg (worker) (acute systematic effects)
Inhalative	DNEL	9 mg/m ³ (consumer) (acute locale effects) 18 mg/m ³ (worker) (acute locale effects)
	DNEL	0.005 mg/m ³ (consumer) (longterm local effects) 0.01 mg/m ³ (worker) (longterm local effects)
	DNEL	0.1 mg/m ³ (consumer) (longterm systematic effects) 0.2 mg/m ³ (worker) (longterm systematic effects)
	DNEL	0.1 mg/m ³ (consumer) (longterm systematic effects) 0.2 mg/m ³ (worker) (longterm systematic effects)

PNECs

CAS: 123-86-4 n-butyl acetate

PNEC	35.6 mg/cm ³ (STP) 0.0981 mg/cm ³ (marine sediment) 0.981 mg/cm ³ (sediment (fresh water)) 0.09 mg/cm ³ (soil) 0.18 mg/cm ³ (water (fresh water)) 0.018 mg/cm ³ (water (sea water))
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CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

PNEC	0.0043 mg/l (sporadic release) 0.00043 mg/l (water (fresh water)) 0.000043 mg/l (water (sea water))
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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.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Respiratory protection:

If the occupational exposure limit is exceeded:

The following breathing protection is recommended:

Respiratory filter for organic gases and vapours (Type A)

Identification colour: Brown

[DIN EN 14387]

Hand protection

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

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[EN 374]

Penetration time of glove material Value for the permeation: Level 5 (>240min - <480min)

Eye/face protection

Safety glasses

[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Fluid

Colour:

Yellow tint

Odour:

Solvent-like

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

110 - 190 °C
(Active ingredient data)

Flammability

Extremely flammable aerosol.

Lower and upper explosion limit

Lower:

0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)

Upper:

7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)

Flash point:

Not applicable, as aerosol.

Decomposition temperature:

Not determined.

pH

Not applicable.

Viscosity:

Kinematic viscosity at 40 °C

<20.5 mm²/s
(Active ingredient data)

Solubility

water:

Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure:

Not determined.

Density and/or relative density

Density at 20 °C:

0.76-0.78 g/cm³
(Active ingredient data)

Vapour density

Not determined.

9.2 Other information

Appearance:

Form:

Aerosol

Important information on protection of health and environment, and on safety.

Ignition temperature:

Not determined.

Explosive properties:

Not determined.

Change in condition

Evaporation rate

Not determined.

Information with regard to physical hazard classes

Explosives

Void

Flammable gases

Void

Aerosols

>85% (percent by mass) flammable components, combustion energy 30 kJ/g
Extremely flammable aerosol.
Pressurised container: May burst if heated.

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

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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

An increase in pressure may lead to bursting.

Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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:

Hydrocarbons, C9-C10, 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	>4,951 mg/m ³ (rat) (OECD 403)

CAS: 123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	17,600 mg/kg (rabbit)
Inhalative	LC50	>21 mg/l (rat) (4h)

CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

Oral	LD50	5,000 mg/kg (rat) (OECD 401) >5,000 mg/kg (Ratte) (OECD 420)
Inhalative	LC50 / 4h	1.37 mg/m ³ (rat) 1.8 mg/m ³ (Ratte) (OECD 403)

Skin corrosion/irritation

Long-term exposure causes slight irritation of the skin.

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation

May cause slight, short-term eye complaints.

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 May cause drowsiness or dizziness.

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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**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

Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

Aquatic toxicity:**Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

LL50 / 96h	>10-<30 mg/l (Oncorhynchus mykiss)
EL50 / 48h	>22-<46 mg/l (Daphnia magna)
EL50 / 72h	>1,000 mg/l (Pseudokirchneriella subcapitata)
NOELR 72 h	<1 mg/l (Pseudokirchneriella subcapitata)

CAS: 123-86-4 n-butyl acetate

LC50 / 96h	18 mg/l (Pimephales promelas)
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CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

LC50 / 96 h	6.8 mg/l (fish)
EC20 / 0.5 h	50 mg/l (activated sludge)
EC50 / 48h	0.43 mg/l (Daphnia magna)
EC50 / 72h	6.3 mg/l (Scenedesmus subspicatus)
	0.91 mg/l (Desmodesmus subspicatus) (OECD 201)

12.2 Persistence and degradability**Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Biodegradation	89 % (28d)
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CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

CSB	2,400 mg/g
Biodegradation	85 % (OECD 301 B Ready Biodegradability - CO2 Evolution)

12.3 Bioaccumulative potential**CAS: 123-86-4 n-butyl acetate**

log Kow	2.3
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CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

log POW	3.5-4.2
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12.4 Mobility in soil

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Highly volatile, will partition rapidly to air.

12.5 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

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.

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12.7 Other adverse effects

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

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

European waste catalogue

Disposal / product + Disposal / contaminated packaging

15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP3	Flammable
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number
ADR/RID/ADN, IMDG, IATA

UN1950

14.2 UN proper shipping name
IMDG
IATA

AEROSOLS
AEROSOLS, flammable

14.3 Transport hazard class(es)
ADR/RID/ADN



Class 2 5F Gases.
Label 2.1

IMDG, IATA



Class 2.1 Gases.
Label 2.1

14.4 Packing group
ADR/RID/ADN, IMDG, IATA

Void

14.5 Environmental hazards:
Marine pollutant:

No

14.6 Special precautions for user

see Sections 6-8
Warning: Gases.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

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Transport/Additional information:**ADR/RID/ADN**

Limited quantities (LQ)	1L
Transport category	2
Tunnel restriction code	D

UN "Model Regulation":	UN1950, AEROSOLS, 2.1
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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) 88.15 %

Catégorie SEVESO (DIRECTIVE 2012/18/EU) P3b FLAMMABLE AEROSOLS

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.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

H226 Flammable liquid and vapour.
H281 Contains refrigerated gas; may cause cryogenic burns or injury.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008

Aerosols, Section 2.3.1	On basis of test data
Specific target organ toxicity (single exposure) Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Version number of previous version: 6.01**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

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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*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**Aerosol 1: Aerosols – Category 1**: Aerosols – Category 3**Press. Gas (Ref. Liq.): Gases under pressure – Refrigerated liquefied gas**Flam. Liq. 3: Flammable liquids – Category 3**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3**** Data compared to the previous version altered.**

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