

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

Printing date 15.12.2023

Version: 9.00 (replaces version 8.00)

Revision: 04.05.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX MoS2Oil**Article number:**

03395050, 03398050

UFI: 5YS3-M04T-F006-QF7W**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the mixture**

Penetrating oil

Anticorrosion additive

Lubricant

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**

Eye Irrit. 2 H319 Causes serious eye irritation.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

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

GHS07 GHS08

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

C11-14 Alkane

White mineral oil, petroleum

Hazard statements

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

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.
 P273 Avoid release to the environment.
 P280 Wear eye protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331 Do NOT induce vomiting.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

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/this mixture contains components that exhibit or are suspected of exhibiting endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

List II: Substances under evaluation for endocrine disruption under an EU legislation.

CAS: 128-37-0 | 2,6-di-tert-butyl-p-cresol

List II

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Formulation of mineral oil with additives in petroleum distillate

Dangerous components:

CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27-xxxx	White mineral oil, petroleum ⚠ Asp. Tox. 1, H304	25-<50%
EC No 926-141-6 Reg.nr.: 01-2119456620-43-xxxx	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics Alternative CAS number: 64742-47-8 ⚠ Asp. Tox. 1, H304, EUH066	25-<50%
CAS: 1474044-79-5 EC No 939-717-7 Reg.nr.: 01-2119980985-16-xxxx	calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate) Alternative CAS number: 57855-77-3 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	3-<5%
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	1-<3%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119565113-46-xxxx	2,6-di-tert-butyl-p-cresol ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1)	<1%

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

aliphatic hydrocarbons

≥30%

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

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Take affected persons out into the fresh air.

Remove soiled clothing

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.

If symptoms persist consult doctor.

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

Coughing

Breathing difficulty

Headache

Nausea

Unconsciousness

Reddening, drying and crack formation of the skin

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

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

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Phosphorus oxides (e.g. P₂O₅)

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

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:

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

When using product on electrical parts disconnect them from power supply first. Before re-assembly, let dry for 2 minutes.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

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.

Keep container tightly sealed.

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:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

RCP-TWA (EU)	Long-term value: 1200 mg/m ³ , 165 ppm Vapour / Total Hydrocarbons
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CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

WEL (Great Britain)	Long-term value: 10 mg/m ³
OEL (Ireland)	Long-term value: 2 mg/m ³

Regulatory information

WEL (Great Britain): EH40/2020

OEL (Ireland): 2020 CoP for the Safety, Health and Welfare at Work

DNELs

CAS: 8042-47-5 White mineral oil, petroleum

Oral	DNEL	40 mg/kg (consumer) (long-term exposure - systemic effects)
Dermal	DNEL	92 mg/kg bw/day (consumer) (long-term exposure - systemic effects)
		220 mg/kg bw/day (worker) (long-term exposure - systemic effects)
Inhalative	DNEL	35 mg/m ³ (consumer) (long-term exposure - systemic effects)
	DNEL	160 mg/m ³ (worker) (long-term exposure - systemic effects)

CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

Dermal	DNEL	10 mg/kg (worker) (longterm systematic effects)
Inhalative	DNEL	5 mg/m ³ (worker) (longterm systematic 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)

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Inhalative	DNEL	10 mg/kg (worker) (longterm systematic effects)
		5 mg/kg (consumer) (longterm systematic effects)
	DNEL	100 mg/kg (worker) (acute systematic effects)
		9 mg/m ³ (consumer) (acute locale effects)
	DNEL	18 mg/m ³ (worker) (acute locale effects)
		0.005 mg/m ³ (consumer) (longterm local effects)
DNEL	0.01 mg/m ³ (worker) (longterm local effects)	
	0.1 mg/m ³ (consumer) (longterm systematic effects)	
		0.2 mg/m ³ (worker) (longterm systematic effects)

CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

Oral	DNEL	0.25 mg/kg bw/day (vls)
Dermal	DNEL	0.25 mg/kg (vls)
		0.5 mg/kg (wls)
Inhalative	DNEL	0.435 mg/m ³ (vls)
		1.76 mg/m ³ (wls)

PNECs

CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkyl-naphthalenesulphonate)

Oral	PNEC	22.2 mg/kg food (human)
	PNEC	10 mg/l (KS)
		0.004 mg/l (water (fresh water))
		0.0004 mg/l (water (sea water))
PNEC	PNEC	69 mg/kg (sediment (fresh water))
		6.9 mg/kg (sediment (sea water))
		13.9 mg/kg (soil)

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

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

CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

PNEC	PNEC	0.017 mg/l (sewage plant)
		0.0002 mg/l (freshwater (Süßwasser))
		0.00002 mg/l (sediment (sea water))
PNEC	PNEC	0.054 mg/kg (gro)
		0.458 mg/kg (sediment (fresh water))
		0.046 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.

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:

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]

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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

[EN 374]

Penetration time of glove material Value for the permeation: Level 6 (≥ 480 min)**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:

brown-opaque

Odour:

Solvent-like

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range180-270 °C (Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Combustible liquid.**Flammability****Lower and upper explosion limit****Lower:**

0.6 Vol % (Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

Upper:

7 Vol % (Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

Flash point:

86 °C (DIN 51758)

Decomposition temperature:

Not determined.

pH

Not applicable.

Viscosity:**Kinematic viscosity at 40 °C**7 mm²/s (DIN 51562)**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:**0.83-0.85 g/cm³**Vapour density**

Not determined.

9.2 Other information**Appearance:****Form:**

Fluid

Important information on protection of health and environment, and on safety.**Ignition temperature:**

Not determined.

Explosive properties:

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Change in condition**Evaporation rate**

Not determined.

Information with regard to physical hazard classes**Explosives**

Void

Flammable gases

Void

Aerosols

Void

Oxidising gases

Void

Gases under pressure

Void

Flammable liquids

Void

Flammable solids

Void

Self-reactive substances and mixtures

Void

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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

Keep ignition sources away - Do not smoke.

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: 8042-47-5 White mineral oil, petroleum

Oral	LD50	>5,000 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rabbit)
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Inhalative	LC50/4d	>5,200 mg/l (rat)
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Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
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Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)
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Inhalative	LC50/8h	>5,000 mg/m ³ (rat) (OECD 403)
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CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkyl-naphthalenesulphonate)

Oral	LD50	>2,500 mg/kg (rat)
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Dermal	LD50	>10,000 mg/kg (rabbit)
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Inhalative	LD50	>20 mg/l (rat)
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CAS: 110-25-8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine

Oral	LD50	5,000 mg/kg (rat) (OECD 401)
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		>5,000 mg/kg (Ratte) (OECD 420)
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Inhalative	LC50 / 4h	1.37 mg/m ³ (rat)
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		1.8 mg/m ³ (Ratte) (OECD 403)
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CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

Oral	LD50	>5,000 mg/kg (rat) (OECD-Prüfrichtlinie 401)
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Dermal	LD50	>2,000 mg/kg (rat) (OECD-Prüfrichtlinie 402)
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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.

Causes serious eye irritation.

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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 hazardViscosity: < 20,5mm²/s (40°C)

May be fatal if swallowed and enters airways.

Additional toxicological information:**Repeated dose toxicity**

CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

Oral | NOAEL 90 d | 100 mg/kg (rat) (OECD 408, 90d, target organ: liver)

11.2 Information on other hazards**Endocrine disrupting properties**

The product contains substances suspected of causing endocrine disruptions with health effects.

CAS: 128-37-0 | 2,6-di-tert-butyl-p-cresol

List II

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:

CAS: 8042-47-5 White mineral oil, petroleum

LC50 / 96h	>100 mg/l (fish)
EC50 / 48h	>100 mg/l (daphnia)
NOEC/NOEL	≥100 mg/l (fish) (96h)
	≥100 mg/l (algae) (72h)
	≥100 mg/l (daphnia) (48h)

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

LLO 96 h	1,000 mg/l (Oncorhynchus mykiss)
ELO 48 h	1,000 mg/l (Daphnia magna)
ELO 72 h	1,000 mg/l (Pseudokirchneriella subcapitata)

CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

Inhalative	LC50/1	>9 mg/L (rat)
	LC50 / 96 h	>0.28 mg/l (fish)
	NOEL 21 d	2.2-10 mg/l (daphnia)
	EC50	>0.27 mg/l (daphnia)
	EC50 / 48h	>0.27 mg/l (daphnia)
	IC50 / 48h	>0.27 mg/l (daphnia)
	NOEC / 72 h	>0.27 mg/l (algae)

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

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CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

LC50 / 96 h	0.758 mg/l (algae)
LC50 / 96h	0.199 mg/l (fish)
EC50 / 48h	0.48 mg/l (Daphnia magna)
NOEC / 21 d	0.053 mg/l (Oryzias latipes)
	0.069 mg/l (Daphnia magna)

12.2 Persistence and degradability

CAS: 8042-47-5 White mineral oil, petroleum

Biodegradation >60 % (28d (OECD 301B))

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Biodegradation 69 % (28d)

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: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)

BCF 3.16

log POW >6.6

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

log POW 3.5-4.2

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 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.

12.7 Other adverse effects

Additional ecological information:

General notes:

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

Do not allow product 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

20 01 13*	solvents
15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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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
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	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) 34.88 %
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

- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

(Contd. on page 11)

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

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Trade name: SONAX MoS2Oil

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Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation
Aspiration hazard
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.

Date of previous version: 23.07.2021**Version number of previous version:** 8.00**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal Concentration

EC50 = 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)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term 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.**