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

## 1.1 Product identifier

Trade name: SONAX Dry+

Article number:

06645000, 06646000, 06647050, 06648000, 06649000

**UFI:** CN70-706P-V008-QSF0

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

Application of the substance / the mixture

Car care product Professional uses

Uses advised against Consumer uses: Private households / general public / consumers

### 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

Skin Irrit. 2 H315 Causes skin irritation. Eye Dam. 1 H318 Causes serious eye damage.

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

Additional information:

Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):

no self-sustained combustion

### 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



GHS05

### Signal word Danger

### Hazard-determining components of labelling:

Dipalmoylisopropyl Dimonium Methosulfate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P280 Wear protective gloves/eye protection. P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

Additional information:

EUH208 Contains dipentene. May produce an allergic reaction.

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:** Tensides, care additives, alcohol in aqueous solution.

Dangerous components:		
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol	10-<15%
CAS: 1474044-71-7 EC No 939-685-4 Reg.nr.: 01-2119983493-26-xxxx	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl, esters withfatty acids, C18 unsatd., Me sulfates (salts) Alternative CAS number: 95009-13-5  Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5-<10%
CAS: 9004-78-8 NLP: 500-013-6	Phenol polyethoxilate  • Acute Tox. 4, H302; Eye Irrit. 2, H319	5-<10%
CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28-xxxx	3-butoxypropan-2-ol ♦ Skin Irrit. 2, H315; Eye Irrit. 2, H319 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 20 % Eye Irrit. 2; H319: C ≥ 20 %	3-<5%
CAS: 61791-26-2 NLP: 500-153-8	Tallow alkylamine ethoxylate  ♦ Eye Dam. 1, H318; ♦ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); ↑ Acute Tox. 4, H302; Skin Irrit. 2, H315	<1%
CAS: 138-86-3 EINECS: 205-341-0	dipentene  ♠ Flam. Liq. 3, H226; ♠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); ♠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.25%

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; consult doctor in case of complaints.

After skin contact:

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

If skin irritation continues, consult a doctor.

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**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor. **After swallowing:** 

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Eye irritation / Eye damage

Skin irritation

Allergic reactions

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.

Additional information

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.

Avoid contact with the eyes and skin.

Wear protective clothing.

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:

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** 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: Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe local/state/federal regulations.

Further information about storage conditions:

Protect from frost.

Recommended storage temperature: 20 °C.

Protect from heat and direct sunlight.

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

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### SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: CAS: 67-63-0 propan-2-ol

WEL (Great Britain) | Short-term value: 1250 mg/m³, 500 ppm

Long-term value: 999 mg/m³, 400 ppm

Short-term value: 400 ppm OEL (Ireland)

Long-term value: 200 ppm

Regulatory information

WEL (Great Britain): EH40/2020

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

<b>DNELs</b>		
CAS: 67-6	3-0 pro	ppan-2-ol
Oral	DNEL	26 mg/kg (consumer) (chornic effects (1d))
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d))
		888 mg/kg (worker) (chronic effects (1d))
Inhalative	DNEL	89 mg/m³ (consumer) (chronic effects)
		500 mg/m³ (worker) (chronic effects)
CAS: 147	4044-7	1-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty
		acids, C18 unsatd., Me sulfates (salts)
Oral	DNEL	1.25 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	56.25 mg/kg bw/day (consumer) (longterm systematic effects)
		112.5 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	2.17 mg/m³ (consumer) (longterm systematic effects)
		8.72 mg/m³ (worker) (longterm systematic effects)
CAS: 513	1-66-8	3-butoxypropan-2-ol
Oral	DNEL	12.5 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	22 mg/kg (consumer) (longterm systematic effects)
		52 mg/kg (worker) (longterm systematic effects)
Inhalative	DNEL	43 mg/m³ (consumer) (longterm systematic effects)
		147 mg/m³ (worker) (longterm systematic effects)

## **PNECs**

### CAS: 67-63-0 propan-2-ol

PNEC | 140.9 mg/l (sporadic release)

2,251 mg/l (STP)

140.9 mg/l (water (fresh water))

140.9 mg/l (water (sea water))

PNEC 28 mg/kg (gro)

552 mg/kg (sediment)

CAS: 1474044-71-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty acids, C18 unsatd., Me sulfates (salts)

PNEC 10 mg/l (STP)

0.017 mg/l (water (fresh water))

0.002 mg/l (water (sea water))

PNEC 1.7 mg/kg (sediment (fresh water))

0.17 mg/kg (sediment (sea water))

0.331 mg/kg (soil)

CAS: 5131-66-8 3-butoxypropan-2-ol

PNEC 10 mg/l (sewage plant)

5.25 mg/l (sporadic release)

0.525 mg/l (water (fresh water))

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0.0525 mg/l (water (sea water)) PNEC 2.36 mg/kg (sediment (fresh water))

0.236 mg/kg (sediment (sea water))

0.16 mg/kg (soil)

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 Protective gloves

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

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: Blue Odour: Citrus

Melting point/freezing point:

Boiling point or initial boiling point and boiling

Undetermined. **Flammability** Flammable.

Lower and upper explosion limit

Lower: 2 Vol % (CAS: 67-63-0 propan-2-ol) 13 Vol % (CAS: 67-63-0 propan-2-ol) Upper: Flash point: 36 °C (DIN 51755)

Undetermined.

43 hPa (CAS: 67-63-0 propan-2-ol)

Decomposition temperature: Not determined. 4.5-5.5

pH at 20 °C Viscosity:

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

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

Vapour pressure at 20 °C:

Density and/or relative density Density at 20 °C: 0.97-0.98 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: Product is not selfigniting.

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Explosive properties:	Not determined.
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard cl	lasses
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Sustained combustibility test ISO 9038/UN manual of
1	tests and criteria (32.5.2):
	no self-sustained combustion
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 flamma	able
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 rele	vant for classification:
CAS: 67-6	63-0 propan	n-2-ol
Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,900 mg/kg (rabbit)
Inhalative	LC50 / 6 h	>25 mg/l (rat) (OECD 403)
CAS: 147		-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty cids, C18 unsatd., Me sulfates (salts)
Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rat) (OECD TG 402)
CAS: 900	4-78-8 Pher	nol polyethoxilate
Oral	LD50	500-2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	2,140 mg/kg (rabbit)
CAS: 513	1-66-8 3-bu	toxypropan-2-ol
Oral	LD50	3,300 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	>3.5 mg/l (rat) (OECD 403)
CAS: 617	91-26-2 Tal	low alkylamine ethoxylate
Oral	LD50	>300-2,000 mg/kg (rat)
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CAS: 13	8-86-3 dipe	(Contd. of
Oral	LD50	5,600 mg/kg (rat)
Skin cor	rosion/irrita	ntion Causes skin irritation.
		e/irritation Causes serious eye damage.
Respiration Contains	tory or skin s dipentene.	sensitisation May produce an allergic reaction. ata, the classification criteria are not met.
Germ ce	ell mutageni	<b>city</b> Based on available data, the classification criteria are not met.
Carcino	<b>genicity</b> Bas	sed on available data, the classification criteria are not met.
Reprodu	ıctive toxici	ity Based on available data, the classification criteria are not met.
STOT-si	ingle exposi	ure Based on available data, the classification criteria are not met.
STOT-re	peated exp	osure Based on available data, the classification criteria are not met.
Aspirati	on hazard B	ased on available data, the classification criteria are not met.
Addition	al toxicolog	gical information:
Repeate	d dose toxi	city
CAS: 14		1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfa acids, C18 unsatd., Me sulfates (salts)
Oral	NOAEL	500 mg/kg (rat) (OECD 407)
Dermal	NOAEL 28d	500 mg/kg (rat) (OECD 407)
Values r	relevant for	classification:
CAS: 67	-63-0 propa	n-2-ol
Oral NO	AEL 400 m	g/kg/day (rat)
Endocri	ne disruptin	other hazards og properties ent state of scientific knowledge, there is no data for the product regarding endocrine

## SECTION 12: Ecological information

disrupting properties with health effects. None of the ingredients is listed.

### 12.1 Toxicity

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

CAS: 67-63-0 propan-2-ol	Aquatic toxi	city:
LC50 / 24h       9,714 mg/l (daphnia)         EC50       >100 mg/l (bacteria)         EC50 / 72h       >100 mg/l (algae)         LOEC       1,000 mg/l (algae)         CAS: 1474044-71-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty acids, C18 unsatd., Me sulfates (salts)         LC50 / 96h       >10 mg/l (Cyprinus carpio) (OECD 203)         EC20 / 6d       10 mg/l (activated sludge)         EC50 / 48h       >8.6 mg/l (Daphnia magna) (OECD 202)         EC50 / 6 d       100 mg/l (activated sludge)         NOEC / 21 d       1 mg/l (Daphnia magna) (EPA OTS 797.1330)         NOEC / 72 h       0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	CAS: 67-63-	0 propan-2-ol
EC50	LC50 / 96h	9,640 mg/l (Pimephales promelas)
EC50 / 72h	LC50 / 24h	9,714 mg/l (daphnia)
LOEC 1,000 mg/l (algae)  CAS: 1474044-71-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty acids, C18 unsatd., Me sulfates (salts)  LC50 / 96h	EC50	>100 mg/l (bacteria)
CAS: 1474044-71-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty acids, C18 unsatd., Me sulfates (salts)  LC50 / 96h	EC50 / 72h	>100 mg/l (algae)
LC50 / 96h   >10 mg/l (Cyprinus carpio) (OECD 203)	LOEC	1,000 mg/l (algae)
EC20 / 6d	CAS: 147404	
EC50 / 48h >8.6 mg/l (Daphnia magna) (OECD 202)  EC50 / 72h 1.2 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  EC50 / 6 d 100 mg/l (activated sludge)  NOEC / 21 d NOEC / 72 h 0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	LC50 / 96h	>10 mg/l (Cyprinus carpio) (OECD 203)
EC50 / 72h	EC20 / 6d	10 mg/l (activated sludge)
EC50 / 6 d 100 mg/l (activated sludge)  NOEC / 21 d 1 mg/l (Daphnia magna) (EPA OTS 797.1330)  NOEC / 72 h 0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	EC50 / 48h	>8.6 mg/l (Daphnia magna) (OECD 202)
NOEC / 21 d 1 mg/l (Daphnia magna) (EPA OTS 797.1330) NOEC / 72 h 0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	EC50 / 72h	1.2 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC / 72 h 0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	EC50 / 6 d	100 mg/l (activated sludge)
	NOEC / 21 d	1 mg/l (Daphnia magna) (EPA OTS 797.1330)
NOEC / 35 d 0 686 mg/l (Pimenhales promelas) (US-EPA)	NOEC / 72 h	0.39 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOLO 7 33 d 0.000 mg/ (i intepriates prometas) (03-Li A)	NOEC / 35 d	0.686 mg/l (Pimephales promelas) (US-EPA)

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CAS: 9004-7	8-8 Phenol polyethoxilate
LC50 / 96h	>100 mg/l (fish) (OECD 203)
EC50	>128 mg/kg (Daphnia magna) (OECD 202)
CAS: 5131-6	6-8 3-butoxypropan-2-ol
LC50 / 96h	>560-1,000 mg/l (Poecilla reticulata) (OECD 203)
EC50/3h	>1,000 mg/l (activated sludge) (OECD 209)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (OECD 202)
EC50 / 96 h	>1,000 mg/l (Pseudokirchneriella subcapitata)
	26-2 Tallow alkylamine ethoxylate
LC50 / 96 h	0.13 mg/l (Oncorhynchus mykiss)
EC50 / 48h	0.17 mg/l (Daphnia magna)
EC10 / 21 d	>0.001-0.01 mg/l (Daphnia magna)
CAS: 138-86	3 dipentene
LC50 / 96h	38.5 mg/l (Pimephales promelas)
LC50 / 48h	31 mg/l (Daphnia magna)
EC50 / 48h	28.2 mg/l (Daphnia magna)
EC50 / 96 h	20.2 mg/l (Pimephales promelas)
IC50 / 96h	13.798 mg/l (Pseudokirchneriella subcapitata)
12.2 Persiste	nce and degradability
	propan-2-ol
Biodegradation	on 53 %
	4-71-7 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters withfatty acids, C18 unsatd., Me sulfates (salts)
Biodegradation	on >60 % (OECD TG 301 F)
	8-8 Phenol polyethoxilate
Biodegradation	on >60 % (OECD 311)
CAS: 5131-6	6-8 3-butoxypropan-2-ol
Biodegradatio	on 90 % (OECD301E/92/69/EWG, C4B)

- **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.

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

### Additional ecological information:

### General notes:

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

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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.

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European	waste catalogue
07 06 04*	other organic solvents, washing liquids and mother liquors
HP4	Irritant - skin irritation and eye damage
HP14	Ecotoxic

### Uncleaned packaging:

15 01 10\*: packaging containing residues of or contaminated by dangerous substances

#### Recommendation:

Packaging may be reused or recycled after cleaning.

15 01 02: plastic packaging

Recommended cleansing agents: Water

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 instruments	to IMO Not applicable.
Transport/Additional information:	Sustained combustibility test ISO 9038/UN manual or tests and criteria (32.5.2): no self-sustained combustion
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) 13.74 %

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.



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### 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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.

### Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation

Serious eye damage/irritation

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.

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#### Abbreviations and acronyms: 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

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. 2: Flammable liquids – Category 2 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

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

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 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.