

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

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

1.1 Product identifier

Trade name: SONAX Foam Splash -EVOLUTION-

Article number:

06715000, 06716000, 06717050, 06718000

UFI: 1A36-60QP-Y00F-E4GH

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

Application of the substance / the mixture

Cleaning material/ Detergent

Car care product

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

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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



GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:

Sodium Laureth Sulfate

2-methylisothiazol-3(2H)-one

Tetramethyl Acetyloctahydronaphthalenes

reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)

1,2-benzisothiazol-3(2H)-one

tetrahydrolinalool

(Contd. on page 2)

GB

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 1)

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

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 doctor.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

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.

Tetramethyl Acetyloctahydronaphtalenes

List II

SECTION 3: Composition/information on ingredients

3.2 Mixtures**Description:** Aqueous tenside solution.**Dangerous components:**

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-xxxx	alcohols, C12-14, ethoxylated, sulfates, sodium salts ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	10-<15%
CAS: 97489-15-1 EC number: 307-055-2 Reg.nr.: 01-2119489924-20-xxxx	Sulfonic acids, C14-17-sec-alkane, sodium salts ☠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 15 % Eye Irrit. 2; H319: 10 % ≤ C < 15 %	5-<10%
CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	sodium-p-cumene sulphonate Alternative CAS numbers: 28348-53-0, 32073-22-6 ⚠ Eye Irrit. 2, H319	1-<3%
EC No 915-730-3 Reg.nr.: 01-2119489989-04-xxxx	Tetramethyl Acetyloctahydronaphtalenes Contains: 54464-57-2 Tetramethyl acetyloctahydronaphtalenes; 68155-66-8 1-(1,2,3,5,6,7,8,8a-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; 68155-67-9 1-(1,2,3,4,6,7,8,8a-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ☠ Aquatic Chronic 1, H410 (M=1); ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	<1%

(Contd. on page 3)

GB

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 2)		
CAS: 78-69-3 EINECS: 201-133-9 Reg.nr.: 01-2119454788-21	tetrahydrolinalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	<0.25%
CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-xxxx	2-methylisothiazol-3(2H)-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	>0.0015-<0.01%
CAS: 3811-73-2 EINECS: 223-296-5 Reg.nr.: 01-2119493385-28-xxxx	pyridine-2-thiol 1-oxide, sodium salt ⚠ Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT RE 1, H372; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH070	<0.01%
CAS: 2634-33-5 EINECS: 220-120-9 Reg.nr.: 01-2120761540-60-xxxx	1,2-benzisothiazol-3(2H)-one ⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036 %	>0.0015-<0.01%
CAS: 55965-84-9	reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1) ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	<0.01%
Regulation (EC) No 648/2004 on detergents / Labelling for contents		
anionic surfactants		≥15 - <30%
perfumes (Tetramethyl Acetyloctahydronapthalenes, MENTHOL, DIMETHYL PHENETHYL ACETAT, ANETHOLE), methylisothiazolinone, sodium pyrithione, benzisothiazolinone, methylchlorisothiazolinone and methylisothiazolinone		
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.

If skin irritation continues, consult a doctor.

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

sensitization

Allergic reactions

(Contd. on page 4)

GB

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 3)

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 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:

Keep container tightly sealed.

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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts

Oral	DNEL	15 mg/kg (VL)
Dermal	DNEL	1,650 mg/kg (VL)

(Contd. on page 5)

GB

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 4)

Inhalative	DNEL	2,750 mg/kg (worker long-term)
		52 mg/m ³ (VL)
	DNEL	175 mg/m ³ (worker long-term)
CAS: 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts		
Oral	DNEL	7.1 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	3.57 mg/bw/day (consumer) (longterm systematic effects)
		5 mg/bw/day (worker) (longterm systematic effects)
	DNEL	2.8 mg/cm ² (consumer) (acute locale effects)
		2.8 mg/cm ² (vll) (longterm local effects)
		2.8 mg/cm ² (worker long-term) (longterm local effects)
		2.8 mg/cm ² (worker) (acute locale effects)
Inhalative	DNEL	12.4 mg/m ³ (consumer) (longterm systematic effects)
		35 mg/m ³ (worker) (longterm systematic effects)
CAS: 15763-76-5 sodium-p-cumene sulphonate		
Oral	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
Dermal	DNEL	3.8 mg/kg bw/day (consumer) (longterm systematic effects)
		7.6 mg/kg bw/day (worker) (longterm systematic effects)
Inhalative	DNEL	13.2 mg/m ³ (consumer) (longterm systematic effects)
		53.6 mg/m ³ (worker) (longterm systematic effects)
PNECs		
CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts		
	PNEC	10,000 mg/l (sewage plant)
		0.24 mg/l (water (fresh water))
		0.024 mg/l (water (sea water))
	PNEC	7.5 mg/kg (gro)
		0.9168 mg/kg (sediment (fresh water))
		0.09168 mg/kg (sediment (sea water))
CAS: 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts		
Oral	PNEC	53.3 mg/kg food
	PNEC	600 mg/l (sewage plant)
		0.06 mg/l (water (intermittent release))
		0.04 mg/l (water (fresh water))
		0.004 mg/l (water (sea water))
	PNEC	9.4 mg/kg (gro)
	PNEC	9.4 mg/kg dw (sediment (fresh water))
		0.94 mg/kg dw (sediment (sea water))

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

8.2 Exposure controls

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

[EN 374]

Penetration time of glove material

Value for the permeation: Level 6 (≥ 480 min)

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

(Contd. on page 6)

Eye/face protection

Safety glasses

[EN 166]

(Contd. of page 5)

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
General Information
Physical state

Fluid

Colour:

Light yellow

Odour:

Fruit-like

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

>100 °C

Flammability

Product is not flammable.

Lower and upper explosion limit
Lower:

Not determined.

Upper:

Not determined.

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH at 20 °C

9.5 - 10.5

Viscosity:
Kinematic viscosity at 40 °C

<20.5 mm²/s

Solubility
water:

Fully miscible.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure:

Not determined.

Density and/or relative density
Density at 20 °C:

1.03 - 1.05 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:

Not determined.

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

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

GB

(Contd. on page 7)

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 6)

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: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

Oral LD50 >5,000 mg/kg (rat)

Dermal LD 50 >5,000 mg/kg (rat)

CAS: 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

Oral LD50 >500-2,000 mg/kg (Ratte) (OECD 401)

Dermal LD50 >2,000 mg/kg (mouse)

CAS: 15763-76-5 sodium-p-cumene sulphonate

Oral LD50 >7,000 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rat)

Skin corrosion/irritation Causes skin irritation.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** May cause an allergic skin reaction.**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** Based on available data, the classification criteria are not met.**Additional toxicological information:****Repeated dose toxicity****CAS: 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts**NOEC / 56 d 470 mg/kg (*Eisenia foetida*) (OECD 222)**CAS: 15763-76-5 sodium-p-cumene sulphonate**

Oral NOAEL >936 mg/kg (rat)

NOAEL 90-92d >440 mg/kg/d (OECD 411 Subchronic Dermal Toxicity: 90-day Study)

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

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

Tetramethyl Acetyloctahydronapthalenes

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.

(Contd. on page 8)

GB

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 7)

Aquatic toxicity:**CAS: 68891-38-3 alcohols, C12-14, ethoxylated, sulfates, sodium salts**

LC 50	>10-100 mg/l (Leuciscus idus)
EC0	>100 mg/l (Pseudomonas putida)
EC50	>100 mg/l (Scenedesmus subspicatus)
	>10-100 mg/l (Daphnia magna)
NOEC	>1-10 mg/l (Leuciscus idus)
	>0.1-1 mg/l (Daphnia magna)

CAS: 97489-15-1 Sulfonic acids, C14-17-sec-alkane, sodium salts

LC50 / 96h	1-10 mg/l (Danio rerio) (OECD 203)
EC50 / 48h	9.81 mg/l (Daphnia magna) (OECD 202)
EC50 / 72h	>61 mg/l (Desmodesmus subspicatus) (OECD 201)
NOEC / 21 d	0.36 mg/l (Daphnia magna) (OECD 202)
NOEC / 28d	0.85 mg/l (Oncorhynchus mykiss) (OECD 204)
NOEC	600 mg/l (bacteria) (DIN 38412 T.8)

CAS: 15763-76-5 sodium-p-cumene sulphonate

LC50 / 96h	>1,000 mg/l (fish) (EPA OPPTS EPA OTS 797)
EC50/3h	>1,000 mg/l (bacteria) (OECD 209)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (EPA OPPTS EPA OTS 797)
	>100 mg/l (daphnia) (OECD 202)
EC50 / 96 h	>230 mg/l (algae) (EPA OPPTS EPA OTS 797)
NOEC 96h	31 mg/l (algae) (EPA OPPTS)

CAS: 2682-20-4 2-methylisothiazol-3(2H)-one

EC 20 / 3h	2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))
EC50/3h	34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

LC50 / 96h	0.00767 mg/l (Zebraabärbling)
EC 20 / 3h	0.48 mg/l (KS) (OECD 209)
EC50/3h	1.81 mg/l (KS) (OECD 209)
EC50 / 48h	0.022 mg/l (daphnia)
EC50 / 72h	0.46 mg/l (Selenastrum capricornutum)
NOEC / 72 h	0.08 mg/l (Selenastrum capricornutum) (OECD 201)

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

NOEL 21 d	1.2 mg/l (daphnia) (OECD 211)
LC50/4d	2.2 mg/l (Regenbogenforelle) (OECD 203)
EC 20 / 3h	3.3 mg/l (KS)
EC50/3h	13 mg/l (KS)
NOEC / 28d	0.21 mg/l (Regenbogenforelle) (OECD 215)
EC10 / 72 h	0.04 mg/l (Selenastrum capricornutum) (OECD 201)
EC50 / 2 d	3.27 mg/l (daphnia) (OECD 202)
EC50 / 3 d	0.11 mg/l (Selenastrum capricornutum) (OECD 201)

12.2 Persistence and degradability**CAS: 15763-76-5 sodium-p-cumene sulphonate**

Biodegradation 60-100 % (OECD 301 B Ready Biodegradability -. CO2 Evolution)

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

Biodegradation >70 % (activated sludge) (OECD 301 B)

12.3 Bioaccumulative potential**CAS: 2682-20-4 2-methylisothiazol-3(2H)-one**

BCF	3.16
log Kow	≤0.32

CAS: 3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

log Kow <-1.09 ((n-Octanol/Wasser) OECD 107)

(Contd. on page 9)

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 8)

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

BCF	6.95 (fish) (OECD 305)
log Kow	0.7 (octan-1-ol/water (OECD 117))

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

The product contains substances suspected of causing endocrine disruption with effects on the environment.

12.7 Other adverse effects**Additional ecological information:****General notes:**

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

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

The product does not contain organic complexing agents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation** Waste must be disposed of while observing the local, official regulations.**European waste catalogue**

20 01 29*	detergents containing hazardous substances
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

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

GB

(Contd. on page 10)

Safety data sheet according to UK REACH

Printing date 01.08.2024

Version: 5.00 (replaces version 4.01)

Revision: 22.07.2024

(Contd. of page 9)

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) 0.00 %

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.

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

Relevant phrases

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH070 Toxic by eye contact.
- EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation 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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Date of previous version: 03.08.2023

Version number of previous version: 4.01

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

(Contd. on page 11)

Safety data sheet according to UK REACH

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(Contd. of page 10)

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. 3: Acute toxicity – Category 3
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 2: Acute toxicity – Category 2
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C
 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
 Skin Sens. 1A: Skin sensitisation – Category 1A
 Skin Sens. 1B: Skin sensitisation – Category 1B
 STOT RE 1: Specific target organ toxicity (repeated exposure) – 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
 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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