

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

Printing date 28.11.2023	Version: 5.00 (replaces version 4.00)	Revision: 23.12.2022
SECTION 1: Identification	of the substance/mixture and of t	he company/undertaking
1.1 Product identifier		
Trade name: SONAX Beast Wh	eel cleaner	
Application of the substance / a Car care product Detergents Consumer uses: Private househo Professional uses		d against
1.3 Details of the supplier of the Manufacturer/Supplier: SONAX GmbH Münchener Straße 75 D-86633 Neuburg (Donau) Tel.: ++49 (0)8431/53-0	e safety data sheet	
<i>Further information obtainable</i> Product safety E-mail: erp@sonax.de Phone: + +49 (0) 8431 53 217 <u>United Kingdom:</u> Anglo American Oil Company Lto 58 Holton Road, Holton Heath Tr Telephone: (+44) 01929 551557 Email: info@aaoil.co.uk		
1.4 Emergency telephone numl <u>European Union:</u> +49 (0) 89 192 <u>United Kingdom:</u> 0344 892 011 Members of Public in England, So In Northern Ireland, contact your	2 40 (Poison Centre Munich) 1 (UK NPIS) cotland and Wales can contact NHS 111/NHS	S 24 by dialling 111
SECTION 2: Hazards iden	tification	
2.1 Classification of the substa Classification according to Reg Skin Sens. 1 H317 May cause a	gulation (EC) No 1272/2008	
2.2 Label elements Labelling according to Regulat		



Signal word Warning

Hazard pictograms

Hazard-determining components of labelling: Sodium mercaptoacetate Hazard statements H317 May cause an allergic skin reaction. Precautionary statements P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing spray. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water.

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D222, D212 If align irritation or real		ontd. of page
	h occurs: Get medical advice/attention. container in accordance with local/regional/national/international re	egulations.
2.3 Other hazards		guidaenei
Results of PBT and vPvB asses	sment	
PBT: According to information provided	in the supply chain, the mix contains less than 0.1% of any subst.	ances
classified as PBT		anooo
vPvB:		
According to information provided classified as vPvB.	in the supply chain, the mix contains less than 0.1% of any subst	ances
Determination of endocrine-disi	rupting properties	
The substance/mixture does not c	ontain components considered to have endocrine disrupting prop	
according to UK REACH Article 5 Regulation (EU) 2018/605 at level	7(f) or Commission Delegated regulation (EU) 2017/2100 or Comm le of 0.1% or higher	nission
Regulation (EU) 2018/605 at level	s of 0.1% or nigher.	
SECTION 3: Composition/	information on ingredients	
3.2 Mixtures		
Description: aqueous tenside sol	lution with additives	
Description: aqueous tenside sol Dangerous components:		
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1	sodium mercaptoacetate solution (46%)	15-<20%
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4		15-<20%
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx	sodium mercaptoacetate solution (46%) ① Acute Tox. 4, H302; Skin Sens. 1B, H317	15-<20%
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8	sodium mercaptoacetate solution (46%)	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8	sodium mercaptoacetate solution (46%)	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8	sodium mercaptoacetate solution (46%) Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1	sodium mercaptoacetate solution (46%) () Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0 () Eye Dam. 1, H318; Aquatic Chronic 3, H412	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8	sodium mercaptoacetate solution (46%) Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8 Reg.nr.: 01-2119489410-39-xxxx CAS: 37971-36-1	sodium mercaptoacetate solution (46%) ① Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0 ② Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 % 2-phosphonobutane-1,2,4-tricarboxylic acid	
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8 Reg.nr.: 01-2119489410-39-xxxx CAS: 37971-36-1	sodium mercaptoacetate solution (46%)	1-<4%
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8 Reg.nr.: 01-2119489410-39-xxxx CAS: 37971-36-1 EINECS: 253-733-5	sodium mercaptoacetate solution (46%) ① Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0 ② Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 % 2-phosphonobutane-1,2,4-tricarboxylic acid	1-<4%
Description: aqueous tenside sol Dangerous components: CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-xxxx CAS: 147170-44-3 EC No 931-333-8 Reg.nr.: 01-2119489410-39-xxxx CAS: 37971-36-1 EINECS: 253-733-5	sodium mercaptoacetate solution (46%) ① Acute Tox. 4, H302; Skin Sens. 1B, H317 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts Alternative CAS number: 61789-40-0 ② Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 % 2-phosphonobutane-1,2,4-tricarboxylic acid ③ Met. Corr. 1, H290; ③ Eye Irrit. 2, H319 detergents / Labelling for contents	1-<4%

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 symptoms persist consult doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After swallowing:

Rinse out mouth and then drink plenty of water.

Induce vomiting only, if affected person is fully conscious.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed sensitization

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.

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SONAX®

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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

Avoid contact with the eyes and skin.

For non-emergency personnel

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

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

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

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

6.3 Methods and material for containment and cleaning up:

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 Use only in well ventilated areas. **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 oxidising agents.
Store away from foodstuffs.
Observe local/state/federal regulations.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Protect from frost.
Protect from heat and direct sunlight.
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.

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DNELs		(Contd. of pa
	67-51-1 s	odium mercaptoacetate solution (46%)
Dermal		2.06 mg/kg (wls)
Inhalativ	e DNEL	1.41 mg/kg (wls)
CAS: 14	7170-44	3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts
Oral	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	7.5 mg/kg (consumer) (longterm systematic effects)
		12.5 mg/kg (worker) (longterm systematic effects)
Inhalativ	e DNEL	44 mg/m³ (worker) (longterm systematic effects)
CAS: 37	971-36-1	2-phosphonobutane-1,2,4-tricarboxylic acid
Oral	DNEL	2.1 mg/kg bw/day (worker) (longterm systematic effects)
	DNEL	65 mg/kg bw/day (consumer) (short-term systematic effects)
Dermal	DNEL	40 mg/bw/day (consumer) (short-term systematic effects)
		80 mg/bw/day (worker) (short-term systematic effects)
	DNEL	2.1 mg/kg bw/day (consumer) (longterm systematic effects)
		4.5 mg/kg bw/day (worker) (longterm systematic effects)
	DNEL	3.7 mg/kg (consumer) (longterm systematic effects)
	DNEL	79 mg/kg (consumer) (short-term systematic effects)
Inhalativ	e DNEL	15 mg/m³ (worker) (longterm systematic effects)
	DNEL	158 mg/m³ (worker) (short-term systematic effects)
PNECs		
CAS: 36	67-51-1 s	odium mercaptoacetate solution (46%)
PN	IEC 0.03	8 mg/l (freshwater (Süßwasser))
		38 mg/l (water (sea water))
		-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts
PN		0 mg/l (STP)
		35 mg/l (water (fresh water))
		135 mg/l (water (sea water))
PN	-	g/kg (sediment (fresh water))
		ng/kg (sediment (sea water))
		ng/kg (soil)
		2-phosphonobutane-1,2,4-tricarboxylic acid
		ng/kg food (Secondary poisoning)
PN		mg/l (sewage plant)
		2 mg/l (water (intermittent release))
		mg/l (water (fresh water))
		mg/l (water (sea water))
PN		' mg/kg (sediment (fresh water))
	0.49	mg/kg (soil)

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.

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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 (≥480min)
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.
Eye/face protection Not required in normal cases

SECTION 9: Physical and chemical prope	erties
9.1 Information on basic physical and chemical pr General Information	operties
Physical state	Fluid
Colour:	
	colourless - light red
Odour:	Fruit-like
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range Flamma hilite	100 °C (CAS: 7732-18-5 water)
Flammability	Product is not flammable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	5-5.3
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 at 20 °C:	23 hPa (CAS: 7732-18-5 water)
Density and/or relative density	· · · · · · · · · · · · · · · · · · ·
Density at 20 °C:	1.06-1.07 g/cm ³
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.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	5
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	Not corrosive to metals in line with 37.4 UN RTDG,
	handbook on test methods and criteria.
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.

	oricity based on available data, the classification chiena are not met.	
LD/LC5	0 values relevant for classification:	
Oral	ATE >2,000 mg/kg (Additivity formula)	
Dermal	ATE >5,000 mg/kg (Additivity formula)	
CAS: 3	67-51-1 sodium mercaptoacetate solution (46%)	
Oral	LD50 >300 mg/kg (rat) (OECD 423 (Conc. 46%))	
Dermal	LD50 1,000-2,000 mg/kg (rat) (OECD 402 (Conc. 98%))	
CAS: 14	47170-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts	even
Oral	LD50 >5,000 mg/kg (rat) (OECD 401)	
	LD50 >2,000 mg/kg (rat) (OECD 402)	
	7971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid	
Dermal	LD50 >4,000 mg/kg (rat)	
Skin co	prrosion/irritation Based on available data, the classification criteria are not met.	
Serious	s eye damage/irritation Based on available data, the classification criteria are not met.	
Respira	atory or skin sensitisation May cause an allergic skin reaction.	
Germ c	ell mutagenicity Based on available data, the classification criteria are not met.	
Carcino	ogenicity Based on available data, the classification criteria are not met.	
Reprod	luctive toxicity Based on available data, the classification criteria are not met.	
STOT-s	ingle exposure Based on available data, the classification criteria are not met.	
STOT-r	epeated exposure Based on available data, the classification criteria are not met.	
Aspirat	ion hazard Based on available data, the classification criteria are not met.	
Additio	nal toxicological information:	
Repeat	ed dose toxicity	
CAS: 37	7971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid	
Oral NO	DAEL 90 d 424 mg/kg (rat) (OECD 408, 90d, target organ: liver)	
		(Contd. on page



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	632 mg/kg (Ratte) (OECD 408, 90d, target organ: liver)
NOEC / 14 d	>1,042 mg/kg (Danio rerio) (OECD 204)

Values relevant for classification:

CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid

Oral NOAEL 1,000 mg/kg/day (rat) (OECD 414)

11.2 Information on other hazards

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.

None of the ingredients is listed.

SECTION 12: Ecological information

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

Aqua	atic	toxicity:	

Aquatic toxi	city:
CAS: 367-51	-1 sodium mercaptoacetate solution (46%)
LC50 / 96h	>100 mg/l (Oncorhynchus mykiss) (OECD 203 (Subs. thioglycolic acid))
LC50 / 48h	880 mg/l (Leuciscus idus) (DIN 38412 / 15 (Subs. thioglycolic acid))
EC50 / 48h	38 mg/l (Daphnia magna) (84/449/EWG (Subs. thioglycolic acid))
EC50 / 72h	13 mg/l (Pseudokirchneriella subcapitata) (OECD 201 (Subs. thioglycolic acid))
CAS: 147170	0-44-3 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even
	numbered, C18 unsaturated)) acyl derivs., hydroxides, inner salts
LC 50	>1-10 mg/l (Pimephales promelas) (OECD 203)
EC0	>100 mg/l (Pseudomonas putida) (OECD 209)
EC50	>1-10 mg/l (Daphnia magna) (OECD 202)
	>1-10 mg/l (Desmodesmus subspicatus) (OECD 201)
NOEC	≤1 mg/l (Oncorhynchus mykiss) (OECD210)
	≤1 mg/l (Daphnia magna) (OECD 211)

CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid

NOEC/NOEL 1,000 mg/l (rat)

12.2 Persistence and degradability

The surface-active substances contained in the product meet the requirement of the EU Detregent Regulation (EC/648/2004) for ultimate biodegradability for surfactants in detergents.

CAS: 367-51-1 sodium mercaptoaceta	to solution (16%)
CAS, SUI-SI-I SUUIUIII IIIEI CADIDACEIA	10 201011011 (40/0)
· · · · · · · · · · · · · · · · · · ·	

Biodegradation 67 % (28d OECD 301d (thioglycolic acid))

CAS: 37971-36-1 2-phosphonobutane-1,2,4-tricarboxylic acid

Biodegradation 0 % (activated sludge) (OECD301E/92/69/EWG, C4.-B)

30-40 % (sludge) (OECD 302 A)

12.3 Bioaccumulative potential

CAS: 367-51-1 sodium mercaptoacetate solution (46%)

log POW >2.99 (20°C OECD 107 (thioglycolic acid))

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.

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12.7 Other adverse effects

Additional ecological information:

General notes:

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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

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

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

1) Disposal / product

2) Disposal / contaminated packaging

20 01 30 detergents other than those mentioned in 20 01 29

15 01 02 plastic packaging

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	Void	
14.2 UN proper shipping name ADR/RID/ADN IMDG, IATA	Void 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	t o IMO 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) not subject to 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.

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Employment rest	ut limitation of use: rictions concerning juveniles must be observed. rictions concerning pregnant and lactating women must be observed. afety assessment: A Chemical Safety Assessment has not been carried out.
SECTION 16:	Other information
specific product f	is based on our present knowledge. However, this shall not constitute a guarantee for any eatures and shall not establish a legally valid contractual relationship. Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by 2020/878.
H318 Causes ser	rosive to metals.
	aquatic life with long lasting effects.
Classification ad	ccording to Regulation (EC) No 1272/2008
Skin sensitisation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
Abbreviations a RID: Règlement intern International Transport NOEL = No Observed NOEC = No Observed LC = letal Concentratio EC50 = half maximal e Iog POW = Octanol / w GHS: Globally Harmor ATE: acute toxicity est ADR: Accord relatif au Carriage of Dangerous IMDG: International Mi IATA: International Mi	ational concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the t of Dangerous Goods by Rail) Effect Level Effect Concentration on iffective concentration vater partition coefficient nized System of Classification and Labelling of Chemicals imate transport international des marchandises dangereuses par route (European Agreement Concerning the International s Goods by Road) aritime Code for Dangerous Goods Transport Association ventory of Existing Commercial Chemical Substances st of Notified Chemical Substances cts Service (division of the American Chemical Society) ect Level (UK REACH) Effect Concentration (UK REACH) ation, 50 percent percent upational exposure limit values to metals – Category 1



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