Safety data sheet
according to UK REACH

Printing date 18.09.2024 Version: 1.01 (replaces version 1.00) Revision: 22.04.2021

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

1.1 Product identifier

Trade name: SONAX Zinc Aluminium Spray

Article number: 04793000
1.2 Relevant identified uses of the substance or mixture and uses advised against
Sector of Use
SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Application of the substance / the mixture Anticorrosion additive

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
SONAX GmbH
Münchener Straße 75
D-86633 Neuburg (Donau)
Tel.: ++49 (0)8431/53-0

Further information obtainable from:
Product safety
E-mail: erp@sonax.de
Phone: + +49 (0) 8431 53 217
United Kingdom:
Anglo American Oil Company Ltd
58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT
Telephone: (+44) 01929 551557
Email: info@aaoil.co.uk

1.4 Emergency telephone number:
European Union: +49 (0) 89 19240 (Poison Centre Munich)
United Kingdom: 0344 892 0111 (UK NPIS)
Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111
In Northern Ireland, contact your local GP

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Aerosol 1	H222 Extremely flammable aerosol.
	H229 Pressurised container: May burst if heated.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.
Hazard pictograms

GHS02 GHS07 GHS09

Signal word Danger
Hazard statements
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
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H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

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

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

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Formulation consisting of pressurised gas and solvents with additives

Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8	dimethyl ether Flam. Gas 1A, H220; Press. Gas (Comp.), H280	25 - <50%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10 - <20%
CAS: 7440-66-6 EINECS: 231-175-3	zinc powder -zinc dust (stabilized) Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1)	10 - <20%
EC No 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Alternative CAS number: 64742-49-0 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	5 - <10%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	5 - <10%
CAS: 1330-20-7 EINECS: 215-535-7	xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	3 - <5%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	1 - <3%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44-xxxx	n-hexane Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336 Specific concentration limit: STOT RE 2; H373: C ≥ 5 %	0.1 -<1%

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Additional information:
For the wording of the listed hazard phrases refer to section 16.
n-Hexane is a part of the hydrocarbon mixture.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
Take affected persons out of danger area and lay down.
Remove soiled clothing
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
Headache
Dizziness
Nausea
Drowsiness
Eye irritation
Skin irritation

4.3 Indication of any immediate medical attention and special treatment needed
Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Foam
Carbon dioxide
Fire-extinguishing powder
Water haze
For safety reasons unsuitable extinguishing agents: *Water with full jet*
5.2 Special hazards arising from the substance or mixture
Can form explosive gas-air mixtures.
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO2)
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
Keep away from ignition sources.
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.

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6.2 Environmental precautions:
Do not allow to penetrate the ground/soil.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
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.
Buildup of explosive mixtures possible without sufficient ventilation.
Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray onto a naked flame or any incandescent material.
Highly volatile, flammable constituents are released during processing.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Provide solvent resistant, sealed floor.
Observe official regulations on storing packagings with pressurised containers.
Information about storage in one common storage facility:
Store away from foodstuffs.
Observe local/state/federal regulations.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
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:	
CAS: 115-10-6 dimethyl ether	
WEL (Great Britain)	*Short-term value: 958 mg/m³, 500 ppm* *Long-term value: 766 mg/m³, 400 ppm*
IOELV (EU)	*Long-term value: 1920 mg/m³, 1000 ppm*
CAS: 141-78-6 ethyl acetate	
WEL (Great Britain)	*Short-term value: 400 ppm* *Long-term value: 200 ppm*
CAS: 67-64-1 acetone	
WEL (Great Britain)	*Short-term value: 3620 mg/m³, 1500 ppm* *Long-term value: 1210 mg/m³, 500 ppm*

(Contd. on page 5)

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IOELV (EU)	Long-term value: 1210 mg/m³, 500 ppm
CAS: 100-41-4 ethylbenzene	
WEL (Great Britain)	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk
IOELV (EU)	Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin
CAS: 110-54-3 n-hexane	
WEL (Great Britain)	Long-term value: 72 mg/m³, 20 ppm
IOELV (EU)	Long-term value: 72 mg/m³, 20 ppm

Regulatory information WEL (Great Britain): EH40/2011

DNELs		
CAS: 67-64-1 acetone		
Oral	DNEL	62 mg/kg (consumer) (chronic systemic effect)
Dermal	DNEL	186 mg/kg (worker) (chronic systemic effect)
	DNEL	62 mg/kg (worker) (chronic systemic effect)
Inhalative	DNEL	200 mg/m³ (consumer) (chronic systemic effect)
		1,210 mg/m³ (worker) (chronic systemic effect)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Oral	DNEL	699 mg/kg bw/day (consumer) (chronic exposition / systemic effects)
Dermal	DNEL	699 mg/kg bw/day (consumer) (chronic exposition / systemi effects)
		773 mg/kg bw/day (worker) (chronic exposition / systemic effects)
Inhalative	DNEL	608 mg/m³ (consumer) (chronic exposition / systemic effects)
		2,035 mg/m³ (worker) (chronic exposition / systemic effects)

PNECs	
CAS: 67-64-1 acetone	
PNEC	100 mg/l (STP)
	21 mg/l (water)
	10.6 mg/l (water (fresh water))
	1.06 mg/l (water (sea water))
PNEC	30.4 mg/kg (sediment (fresh water))
	3.04 mg/kg (sediment (sea water))
	29.5 mg/kg (soil)

Ingredients with biological limit values:	
CAS: 1330-20-7 xylene	
BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

Regulatory information BMGV (Great Britain): EH40/2011

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.
Appropriate engineering controls No further data; see section 7.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.

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Respiratory protection:
If the occupational exposure limit is exceeded:
The following breathing protection is recommended:
Respiratory filter for organic gases and vapours (Type A)
Identification colour: Brown
[DIN EN 14387]
Hand protection
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Material of gloves
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.45 mm
[EN 374]
Penetration time of glove material *Value for the permeation: Level 6 (≥480min)*
Eye/face protection
Safety glasses
[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Physical state	*Fluid*
Colour:	*Grey*
Odour:	*Solvent-like*
Melting point/freezing point:	*Undetermined.*
Boiling point or initial boiling point and boiling range	*70 - 115 °C* *(Active ingredient data)*
Flammability	*Not applicable.*
Lower and upper explosion limit	
Lower:	*2.7 Vol %*
Upper:	*32 Vol %*
Flash point:	*-40 °C* *(Active ingredient data)*
Decomposition temperature:	*Not determined.*
pH	*Not applicable.*
Viscosity:	
Kinematic viscosity	*>20.5 mm²/s* *(Active ingredient data)*
Dynamic:	*Not determined.*
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:	*1.1 g/cm³ (DIN 51757)* *(Active ingredient data)*
Relative density	*Not determined.*
Vapour density	*Not determined.*

9.2 Other information	
Appearance:	
Form:	*Aerosol*
Important information on protection of health and environment, and on safety.	
Ignition temperature:	*Not determined.*
Explosive properties:	*In use, may form flammable/explosive vapour-air mixture.*
Change in condition	
Evaporation rate	*Not applicable.*

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Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	
Extremely flammable aerosol.	
Pressurised container: May burst if heated.	
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
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 Develops readily flammable gases/fumes.
10.4 Conditions to avoid
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
An increase in pressure may lead to bursting.
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: 115-10-6 dimethyl ether		
Inhalative	LC50/4d	308 mg/l (rat)
CAS: 141-78-6 ethyl acetate		
Oral	LD50	4,100 mg/kg (mouse)
		5,620 mg/kg (rat)
		4,934 mg/kg (rabbit)
Dermal	LD50	>20,000 mg/kg (rabbit)
Inhalative	LC50 / 6 h	>22.5 mg/l (rat)
CAS: 7440-66-6 zinc powder -zinc dust (stabilized)		
Oral	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4d	>5,410 mg/l (rat)
CAS: 67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)

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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Oral	*LD50*	*>5,000 mg/kg (rat) (OECD 401)*
Dermal	*LD50*	*>2,000 mg/kg (rat) (OECD 402)*
Inhalative	*LC50 / 4h*	*>20 mg/l (rat) (OECD 403)*
CAS: 1330-20-7 xylene		
Oral	*LD50*	*4,300 mg/kg (rat)*
Dermal	*LD50*	*1,700 mg/kg (rabbit)*
Inhalative	*ATE*	*1.5 mg/l (aerosol)*
	LC50/4d	*21.7 mg/l (rat) (vapour)*
CAS: 100-41-4 ethylbenzene		
Oral	*LD50*	*3,500 mg/kg (rat)*
Dermal	*LD50*	*15,400 mg/kg (rabbit)*
Inhalative	*ATE*	*1.5 mg/l (aerosol)*
	LC50/4d	*17.2 mg/l (rat) (vapour)*
CAS: 110-54-3 n-hexane		
Oral	*LD50*	*3,200 mg/kg (rat)*
Dermal	*LD50*	*3,350 mg/kg (rabbit)*
Inhalative	*LC50/4d*	*172 mg/l (rat)*

Skin corrosion/irritation
Long-term exposure causes slight irritation of the skin.
Repeated exposure may cause skin dryness or cracking.
Causes skin irritation.

Serious eye damage/irritation
May cause slight, short-term eye complaints.
Causes serious eye irritation.

Respiratory or skin sensitisation *Based on available data, the classification criteria are not met.*

Germ cell mutagenicity *Based on available data, the classification criteria are not met.*

Carcinogenicity *Based on available data, the classification criteria are not met.*

Reproductive toxicity *Based on available data, the classification criteria are not met.*

STOT-single exposure *May cause drowsiness or dizziness.*

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: 141-78-6 ethyl acetate	
NOAEL 90-92d	*900 mg/kg/d (rat)*

11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

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

Aquatic toxicity:	
CAS: 141-78-6 ethyl acetate	
LC50 / 96h	*230 mg/l (Pimephales promelas)* *640 mg/l (Daphnia magna)*

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EC50 / 48h	5,600 mg/l (Scenedesmus subspicatus)
CAS: 7440-66-6 zinc powder -zinc dust (stabilized)	
LC50 / 96h	0.439 mg/l (Cottus bairdii)
EC50 / 48h	2 mg/l (Daphnia magna)
CAS: 67-64-1 acetone	
LC50 / 96h	5,540 mg/l (Oncorhynchus mykiss)
	8,120 mg/l (Pimephales promelas)
LOEC / 28 d	2,212 mg/l (Daphnia magna)
NOEC / 28d	2,212 mg/l (Daphnia magna)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
LL50 / 96h	11.4 mg/l (Oncorhynchus mykiss) (OECD 203)
EL50 / 48h	3 mg/l (Daphnia magna) (OECD 202)
EL50 / 72h	30 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
LOEC	0.32 mg/l (Daphnia magna) (21d)
NOELR 72 h	3 mg/l (Pseudokirchneriella subcapitata)
NOEC / 21 d	0.17 mg/l (Daphnia magna)
CAS: 1330-20-7 xylene	
LC50 / 96h	4.2 mg/l (Oncorhynchus mykiss)
EC50 / 48h	1.8-2.9 mg/l (Daphnia magna)
ErC50	>100 mg/l (Selenastrum capricornutum)
CAS: 100-41-4 ethylbenzene	
ErC 50 / 96h	3.6 mg/l
CAS: 110-54-3 n-hexane	
LL50 / 96h	12.51 mg/l (Oncorhynchus mykiss)
EL50 / 48h	21.85 mg/l (Daphnia magna)

12.2 Persistence and degradability	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
Biodegradation	81 % (28d)
CAS: 110-54-3 n-hexane	
Biodegradation	83 % (10d (ECHA))

12.3 Bioaccumulative potential	
CAS: 115-10-6 dimethyl ether	
log POW	0.1 log POW
CAS: 141-78-6 ethyl acetate	
log POW	≤0.24 log POW
CAS: 1330-20-7 xylene	
log Kow	3.12-3.2 log Kow
CAS: 100-41-4 ethylbenzene	
log POW	3.15 log POW
CAS: 110-54-3 n-hexane	
log Kow	4 log Kow (pH: 7, 20°C)

12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
Additional ecological information:
General notes: The product may not be released into the environment without control.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Waste must be disposed of while observing the local, official regulations.
European waste catalogue
Disposal / product + Disposal / contaminated packaging

15 01 10*	packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number
ADR/RID/ADN, IMDG, IATA UN1950

14.2 UN proper shipping name
ADR/RID/ADN 1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR/RID/ADN

Class 2 5F Gases.
Label 2.1

IMDG, IATA

Class 2.1 Gases.
Label 2.1

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

14.5 Environmental hazards:
Marine pollutant: Yes
absent due to package size =<5l

14.6 Special precautions for user see Sections 6-8
Warning: Gases.

Transport/Additional information:

ADR/RID/ADN
Limited quantities (LQ) 1L
Transport category 2
Tunnel restriction code D

UN "Model Regulation": UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
The following substance(s) in this product is (are) identified by CAS number either in countries not subject to the UK REACH regulation or in regulations not yet updated with the new naming convention for hydrocarbon solvents.

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European Directives:
Catégorie SEVESO (DIRECTIVE 2012/18/EU)
P3a FLAMMABLE AEROSOLS
E2 Hazardous to the Aquatic Environment
REGULATION (EU) 2019/1148
This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

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.

Relevant phrases
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H373 May cause 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.
EUH066 Repeated exposure may cause skin dryness or cracking.

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

Version number of previous version: *1.00*
Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
NOEL = No Observed Effect Level
NOEC = No Observed Effect Concentration
LC = letal Concentration
EC50 = half maximal effective concentration
log POW = Octanol / water partition coefficient
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
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

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Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
: Aerosols – Category 3
Press. Gas (Comp.): Gases under pressure – Compressed gas
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 Irrit. 2: Serious eye damage/eye irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2