

FIRE STOP ACRYLIC SEALANT

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Date of issue: 18.11.2022 Revision date: Supersedes: Version: 00

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

1.1. Product identifier

Product form : Mixture
Product name : PROLOC P.82 FIRE STOP ACRYLIC SEALANT
Type of product : Adhesives, sealants

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

1.2.1. Relevant identified uses

Intended for general public

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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E-mail address of competent person responsible for the SDS : nilufer.ergin@akkim.net

1.4. Emergency telephone number

Emergency number : +902127711371

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Reproductive toxicity, Additional category, Effects on or via lactation H362
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. May cause harm to breast-fed children. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS09

Signal word (CLP) :

-

Hazardous ingredients :

Alkanes, C14-17, chloro; chlorinated paraffins, C14-17

Hazard statements (CLP) :

H362 - May cause harm to breast-fed children.
H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P102 - Keep out of reach of children. P260 - Do not breathe dust, fume, gas, mist, spray, vapours. P263 - Avoid contact during pregnancy and while nursing. P273 - Avoid release to the environment. P308+P313 - IF exposed or concerned: Get medical advice. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking. EUH208 - Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
alkanes, C14-17, chloro; chlorinated paraffins, C14-17	(CAS-No.) 85535-85-9 (EC-No.) 287-477-0 (EC Index-No.) 602-095-00-X (REACH-no) 01-2119519269-33	1 - 10	Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ethanediol; ethylene glycol	(CAS-No.) 107-21-1 (EC-No.) 203-473-3 (EC Index-No.) 603-027-00-1 (REACH-no) 01-2119456816-28	1 - 5	Acute Tox. 4 (Oral), H302
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Note B)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	< 0.0015	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤ C < 0.6) Skin Irrit. 2, H315 (0.06 ≤ C < 0.6) Eye Irrit. 2, H319 (0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 (0.6 ≤ C ≤ 100) Eye Dam. 1, H318

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Full text of H-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Keep upwind.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Mechanically recover the product. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Obtain special instructions before use. Avoid contact during pregnancy/while nursing. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

FIRE STOP ACRYLIC SEALANT	
EU - Occupational Exposure Limits	
Local name	Ethylene glycol
IOELV TWA (mg/m ³)	52 mg/m ³
IOELV TWA (ppm)	20 ppm
IOELV STEL (mg/m ³)	104 mg/m ³
IOELV STEL (ppm)	40 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Austria - Occupational Exposure Limits	
Local name	Ethylenglykol
MAK (mg/m ³)	26 mg/m ³
MAK (ppm)	10 ppm
MAK Short time value (mg/m ³)	52 mg/m ³
MAK Short time value (ppm)	20 ppm
Remark (AT)	H
Regulatory reference	BGBl. II Nr. 186/2015
Belgium - Occupational Exposure Limits	
Local name	Ethylèneglycol (en aérosol) # Ethyleenglycol
Limit value (mg/m ³)	52 mg/m ³
Limit value (ppm)	20 ppm
Short time value (mg/m ³)	104 mg/m ³
Short time value (ppm)	40 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018
Bulgaria - Occupational Exposure Limits	
Local name	Етиленгликол
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Croatia - Occupational Exposure Limits	
Local name	Etandiol; etilen-glikol
GVI (granična vrijednost izloženosti) (mg/m ³)	52 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	20 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	104 mg/m ³
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	40 ppm

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Czech Republic - Occupational Exposure Limits	
Local name	Ethylenglykol (Ethan-1,2-diol)
Expoziční limity (PEL) (mg/m ³)	50 mg/m ³
Expoziční limity (PEL) (ppm)	20 ppm
Expoziční limity (NPK-P) (mg/m ³)	100 mg/m ³
Expoziční limity (NPK-P) (ppm)	39 ppm
Denmark - Occupational Exposure Limits	
Local name	Ethylenglycol (1,2-Ethandiol; Glycol)
Grænseværdie (langvarig) (mg/m ³)	26 mg/m ³ 10 mg/m ³ forstøvet
Grænseværdie (langvarig) (ppm)	10 ppm
Regulatory reference	BEK nr 655 af 31/05/2018
Estonia - Occupational Exposure Limits	
Local name	1,2-etaandiool (etüleenglükool)
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Finland - Occupational Exposure Limits	
Local name	1,2-Etaanidioli
HTP-arvo (8h) (mg/m ³)	50 mg/m ³
HTP-arvo (8h) (ppm)	20 ppm
HTP-arvo (15 min)	100 mg/m ³
HTP-arvo (15 min) (ppm)	40 ppm
France - Occupational Exposure Limits	
Local name	Ethylèneglycol (vapeur)
VME (mg/m ³)	52 mg/m ³
VME (ppm)	20 ppm
VLE (mg/m ³)	104 mg/m ³
VLE (ppm)	40 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
TRGS 900 Local name	Ethandiol
Occupational exposure limit value (mg/m ³)	26 mg/m ³
Occupational exposure limit value (ppm)	10 ppm
Limitation of exposure peaks	2(l)
TRGS 900 Remark	DFG;EU;H;Y;11
TRGS 900 Regulatory reference	TRGS900
Gibraltar - Occupational Exposure Limits	
Name of agent	Ethylene glycol

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Eight hours mg/m ³	52 mg/m ³
Eight hours ppm	20 ppm
Short-term mg/m ³	104 mg/m ³
Short-term ppm	40 ppm
Notation	Skin
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
Greece - Occupational Exposure Limits	
Local name	Αθυλενογλυκόλη (στυρί)
OEL TWA (mg/m ³)	125 mg/m ³
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m ³)	125 mg/m ³
OEL STEL (ppm)	50 ppm
Regulatory reference	Π.Δ. 90/1999
Hungary - Occupational Exposure Limits	
Local name	ETILÉNGLIKOL (etilén-alkohol, glikol)
AK-érték	52 mg/m ³
CK-érték	104 mg/m ³
Ireland - Occupational Exposure Limits	
Local name	Ethane-1,2-diol
OEL (8 hours ref) (mg/m ³)	10 mg/m ³ particulate 52 mg/m ³ vapour
OEL (8 hours ref) (ppm)	20 ppm vapour
OEL (15 min ref) (mg/m ³)	104 mg/m ³ vapour
OEL (15 min ref) (ppm)	40 ppm vapour
Italy - Occupational Exposure Limits	
Local name	Etilen glicol
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Notes	pelle
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
Latvia - Occupational Exposure Limits	
Local name	Etilēnglikols, (1,2-etāndiols)
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Regulatory reference	Ministru kabineta 2007.gada 15.maija noteikumiem Nr.325

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Lithuania - Occupational Exposure Limits	
Local name	Etilenglikolis (1,2-etandiolis, glikolis)
IPRV (mg/m ³)	25 mg/m ³
IPRV (ppm)	10 ppm
TPRV (mg/m ³)	50 mg/m ³
TPRV (ppm)	20 ppm
Luxembourg - Occupational Exposure Limits	
Local name	Éthylène-glycol
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Regulatory reference	Mémorial A N° 684 de 2018
Malta - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Regulatory reference	S.L.424.24 (L.N.57 of 2018)
Netherlands - Occupational Exposure Limits	
Local name	Ethaan-1,2-diol
Grenswaarde TGG 8H (mg/m ³)	52 mg/m ³ (damp) 10 mg/m ³ (druppels)
Grenswaarde TGG 15MIN (mg/m ³)	104 mg/m ³ (damp)
Poland - Occupational Exposure Limits	
Local name	Glikol etylenowy
NDS (mg/m ³)	15 mg/m ³
NDSCh (mg/m ³)	50 mg/m ³
Portugal - Occupational Exposure Limits	
Local name	Etilenoglicol
OEL - Ceilings (ppm)	100 ppm H (Apenas aerossol)
Regulatory reference	Norma Portuguesa NP 1796:2014
Romania - Occupational Exposure Limits	
Local name	Etilenglicol/Etandiol
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm

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FIRE STOP ACRYLIC SEALANT	
Regulatory reference	Hotărârea nr. 584/2018
Serbia - Occupational Exposure Limits	
Local name	етилен гликол; етандиол
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Slovakia - Occupational Exposure Limits	
Local name	Etylénglykol (etán-1,2-diol)
NPHV (priemerná) (mg/m ³)	52 mg/m ³
NPHV (priemerná) (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Upozornenie (SK)	K - znamená, že faktor môže byť ľahko absorbovaný kožou
Regulatory reference	Nariadenie vlády č. 33/2018 Z.z.
Slovenia - Occupational Exposure Limits	
Local name	etandiol (glikol)
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Spain - Occupational Exposure Limits	
Local name	Etilenglicol
VLA-ED (mg/m ³)	52 mg/m ³
VLA-ED (ppm)	20 ppm
VLA-EC (mg/m ³)	104 mg/m ³
VLA-EC (ppm)	40 ppm
Sweden - Occupational Exposure Limits	
Local name	Etylenglykol (Glykol)
nivågränsvärde (NVG) (mg/m ³)	25 mg/m ³
nivågränsvärde (NVG) (ppm)	10 ppm
kortidsvärde (KTV) (mg/m ³)	104 mg/m ³
kortidsvärde (KTV) (ppm)	40 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Ethane-1,2-diol
WEL TWA (mg/m ³)	10 mg/m ³ particulate 52 mg/m ³ vapour
WEL TWA (ppm)	20 ppm vapour
WEL STEL (mg/m ³)	104 mg/m ³ vapour

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WEL STEL (ppm)	40 ppm vapour
Iceland - Occupational Exposure Limits	
Local name	Etýlenglykól (1,2-etandíól, glýkól, mónóetýlenglykól)
OEL (8 hours ref) (mg/m ³)	26 mg/m ³
OEL (8 hours ref) (ppm)	10 ppm
OEL (15 min ref) (mg/m ³)	104 mg/m ³
OEL (15 min ref) (ppm)	40 ppm
Norway - Occupational Exposure Limits	
Local name	1,2-etandiol (Etylenglykol)
Grønseverdier (AN) (mg/m ³)	52 mg/m ³
Grønseverdier (AN) (ppm)	20 ppm
Grønseverdier (Korttidsverdi) (mg/m ³)	104 mg/m ³
Grønseverdier (Korttidsverdi) (ppm)	40 ppm
Switzerland - Occupational Exposure Limits	
Local name	Ethylèneglycol / Ethylenglykol
MAK (mg/m ³)	26 mg/m ³
MAK (ppm)	10 ppm
KZGW (mg/m ³)	52 mg/m ³
KZGW (ppm)	20 ppm
Critical toxicity	VRS, Yeux / OAW, Auge
Notation	R, SS _c / H, SS _c
Regulatory reference	www.suva.ch, 01.07.2019
Turkey - Occupational Exposure Limits	
Local name	Etilen glikol
OEL TWA (mg/m ³)	52 mg/m ³
OEL TWA (ppm)	20 ppm
OEL STEL (mg/m ³)	104 mg/m ³
OEL STEL (ppm)	40 ppm
Comments	Deri
Regulatory reference	12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethylene glycol
ACGIH TWA (ppm)	25 ppm (V - Vapor fraction)
ACGIH STEL (mg/m ³)	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
ACGIH STEL (ppm)	50 ppm (V - Vapor fraction)
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2019

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8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Chemically resistant protective gloves. EN 374. Consult supplier(s) of these materials for specific recommendations

Eye protection:

Chemical goggles or face shield

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Paste.
Colour	: White. Grey.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: 7.5 - 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.55 - 1.61 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

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Explosive limits : Not applicable

9.2. Other information

VOC content : 140 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 7.5 - 9
Serious eye damage/irritation	: Not classified pH: 7.5 - 9
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: May cause harm to breast-fed children.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

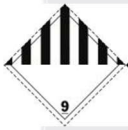

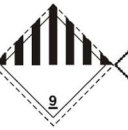
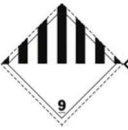
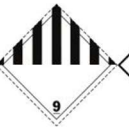
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
 Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Product/Packaging disposal recommendations : Refer to manufacturer/supplier for information on recovery/recycling.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 3077	UN 3077	UN 3077	UN 3077	UN 3077
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Environmentally hazardous substance, solid, n.o.s.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Transport document description				
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, (-)	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, MARINE POLLUTANT	UN 3077 Environmentally hazardous substance, solid, n.o.s., 9, III	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M7
 Special provisions (ADR) : 274, 335, 375, 601
 Limited quantities (ADR) : 5kg
 Excepted quantities (ADR) : E1
 Packing instructions (ADR) : P002, IBC08, LP02, R001

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Special packing provisions (ADR)	: PP12, B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAV, LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V13
Special provisions for carriage - Bulk (ADR)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	: 

Tunnel restriction code (ADR)	: -
EAC code	: 2Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 966, 967, 969
Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP02, P002
Special packing provisions (IMDG)	: PP12
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: BK1, BK2, BK3, T1
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW23

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
PCA max net quantity (IATA)	: 400kg
CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provisions (IATA)	: A97, A158, A179, A197
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M7
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 kg
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T* B**
Equipment required (ADN)	: PP, A

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Number of blue cones/lights (ADN) : 0
Additional requirements/Remarks (ADN) : * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case of transport in bulk.

Rail transport

Classification code (RID) : M7
Special provisions (RID) : 274, 335, 375, 601
Limited quantities (RID) : 5kg
Excepted quantities (RID) : E1
Packing instructions (RID) : P002, IBC08, LP02, R001
Special packing provisions (RID) : PP12, B3
Mixed packing provisions (RID) : MP10
Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (RID) : TP33
Tank codes for RID tanks (RID) : SGAV, LGBV
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W13
Special provisions for carriage – Bulk (RID) : VC1, VC2
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31
Colis express (express parcels) (RID) : CE11
Hazard identification number (RID) : 90

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen : alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed
SZW-lijst van mutagene stoffen : alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

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Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. ECHA (European Chemicals Agency).

Full text of H- and EUH-statements:

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
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Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H362	May cause harm to breast-fed children.
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.
EUH208	Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

AKKIM SDS EU

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