

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue: 16.03.2023 Revision date: 16.03.2023 : Version: 1.3

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

1.1. Product identifier

Product name: PermaSEAL PRO DPC Injection Cream

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

Use of substance / preparation: Industrial. Commercial

Modifying agent for: Building materials

1.3. Details of the supplier of the safety data sheet

Company name: Permagard Products Limited

Unit B2 – B5 Worthy Road Chittening Industrial Estate

Avonmouth Bristol BS11 0YB

Tel: 0117 982 3282

Email: Sales@permagard.co.uk

1.4. Emergency telephone number

Emergency Telephone Number: +44 117 982 3282

9am – 5pm Monday – Friday

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Not a hazardous substance or mixture

2.2. Label elements

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

No labelling according to GHS required.

Code	Additional Labelling
EUH208	Contains chloromethylisothiazolinone and methylisothiazolinone (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Biocidal Products Regulation (528/2012)

Contains a 3:1 mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one as preservative for products during storage according to regulation (EC) No 528/2012 art. 58(3).

2.3. Other Hazards

Inhalation of aerosol spray may damage health.

The product hydrolyses under formation of ethanol (CAS-Nr. 64-17-5). Ethanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties - environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

16.03.2023 EN (English) 1/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

SECTION 3: Composition/information on ingredients

3.1. Mixtures

Not applicable

3.2. Mixtures

3.2.1 Chemical Characteristics

Alkoxy silanes + water

3.2.2 Hazardous Ingredients

Chloro-methyl-isothiazolin-	one and methyl-isothiazolir	n-one (3:1 mix)	>=0,001-<0,0015 %
CAS-No.: 55965-84-9	EC-No.: 611-341-5	Index-No.: 613-167-00-5	
INHA [1]			
Classification according to (EC) No. 1272/2008*	regulation	Acute Tox. 3, oral / H301; Acute Tox. 2, dermal / H310; Acute dust/mist / H330; Skin Corr. 1C / H314; Skin Sens. 1A / H31 Aquatic Chronic 1 / H410; Eye Dam. 1 / H318 EUH071 M-Factor, Acute = 100 M-Factor, Chronic = 100 specific concentration limit: >= 0,0015 %: Skin Sens. 1A / H317 0,06 - < 0,6 %: Eye Irrit. 2 / H319 0,06 - < 0,6 %: Skin Irrit. 2 / H315 >= 0,6 %: Skin Corr. 1C / H314 >= 0,6 %: Eye Dam. 1 / H318	

Type: INHA: ingredient, VERU: impurity

[1] = Hazardous or environmentally harmful substance; [2] = substance with a community workplace exposure limit; [3] = PBT substance; [4] = vPvB substance; [5] = Endocrine disrupting properties

*Classification codes are explained in section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

After contact with the skin:

Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

After inhalation:

Material cannot be inhaled under normal conditions.

After swallowing:

Give several small portions of water to drink. Do not induce vomiting.

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

Any relevant information can be found in other parts of this section.

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

Further toxicology information in section 11 must be observed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

not applicable

Extinguishing media which must not be used for safety reasons:

not applicable

16.03.2023 EN (English) 2/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

5.2. Special hazards arising from the substance or mixture

Ambient fire may lead to hazardous fumes. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes.

5.3. Advice for fire-fighters

Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

General information:

Product does not burn. Use extinguishing measures appropriate to the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2. Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak, if possible, without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3. Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

Further information:

Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

6.4. Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

General information:

Always stir well before use.

Precautions for safe handling:

Ensure adequate ventilation. Must be syphoned off in situ. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping.

Keep away from incompatible substances in accordance with section 10. Observe information in section 8.

Precautions against fire and explosion:

Product may release ethanol. Flammable vapours may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and vessels:

Observe local/state/federal regulations.

Advice for storage of incompatible materials:

Observe local/state/federal regulations.

Further information for storage:

Store in a dry and cool place. Protect against sun. Protect against frost. Store container in a well ventilated place.

Minimum temperature allowed during storage and transportation: 0 °C

Maximum temperature allowed during storage and transportation: 35 °C

7.3. Specific end use(s)

Damp proof course injection cream.

16.03.2023 EN (English) 3/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Maximum airborne concentrations at the workplace:

Substance	Туре	Mg/m ³	ppm	Dust fract.	Fibre/m ³
Ethanol	OEL	1920,0	1000,0		

8.2. Exposure controls

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols.

Use with adequate ventilation. Do not eat, drink or smoke when handling

Further information for system design and engineering measures

Observe information in section 7. Observe national regulatory requirements.

Personal protection equipment:

Respiratory protection

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapours; ammonia/amines), according to acknowledged standards such as EN 14387.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapours; ammonia/amines; particles), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

Eye protection

Recommendation: protective goggles.

Hand protection

Use of protective gloves is recommended when handling the material, according to recognized standards such as EN374.

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,1 mm Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of butyl rubber

thickness of the material: > 0,3 mm Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Skin protection

Protective clothing

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property:Value:Physical stateliquidFormpasteColourwhiteOdourfaint

Odour Threshold no data available
Melting point not determined

Boiling point/boiling range 100 °C at 1013 hPa

Lower explosion limit not determined Upper explosion limit not determined

Flash point 64 °C (ISO 3679)

16.03.2023 EN (English) 4/9

Method:

(Lit.)



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Ignition temperature 265 °C (not specified)

Thermal decomposition no data available pH 4.5 - 7 at 25 °C (100 %) (Indicator strips)

Viscosity, kinematic not applicable
Water solubility completely miscible at 20 °C
Partition coefficient: n-octanol/water not applicable

 Vapour pressure
 23 hPa at 20 °C
 (Lit.)

 Density
 0,9 g/cm³ (25 °C; 1013 hPa)
 (DIN 51757)

Relative vapour density no data available
Particle Size Distribution not applicable

9.2. Other information

Hydrolysis products reduce the flash point. Explosion limits for released ethanol: 3.5 - 15%(V).

Property:Value:Method:Sustained combustibility> 95 °C(ISO 9038)

Evaporation rate no data available Molecular weight not applicable

SECTION 10: Stability and reactivity

10.1. - 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4. Conditions to avoid

Heat, open flames, and other sources of ignition.

10.5. Incompatible materials

Reacts with: basic substances and acids. The reaction takes place with the formation of ethanol.

10.6. Hazardous decomposition products

Ethanol by hydrolysis. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 General information

Data derived for the product as a whole are of higher priority than data for single ingredients.

11.1.2 Acute toxicity

Product details:

Exposure routes	Result/Effect
Oral	LD50 > 2000 mg/kg The assessment is made under consideration of relevant data on
	ingredients.
	Species: Rat, Source: Conclusion by analogy
Dermal	LD50 > 2000 mg/kg The assessment is made under consideration of relevant data on ingredients. Species: Rat, Method: OECD 402, Source: Conclusion by analogy
By inhalation (aerosol)	LC50 > 5,2 mg/l; 4 h No mortality observed at this dose. Species: Rat, Source: test report

11.1.3 Skin corrosion/irritation

Product details:

No skin irritation

The assessment is made under consideration of relevant data on ingredients.

(Species: Rabbit, Method: OECD 404, Source: Conclusion by analogy)

16.03.2023 EN (English) 5/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

11.1.4 Serious eye damage/eye irritation

Product details:

No eye irritation

The assessment is made under consideration of relevant data on ingredients.

(Species: Rabbit, Method: OECD 405, Source: Conclusion by analogy)

11.1.5 Respiratory or skin sensitisation

Product details:

Exposure routes	Result
Skin contact	Does not cause skin sensitisation.
	The assessment is made under consideration of relevant data on ingredients. (Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: Conclusion by analogy)

11.1.6 Germ cell mutagenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.7 Germ cell mutagenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.7 Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Reproductive toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity - single exposure

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.10 Specific target organ toxicity - repeated exposure

Assessment

For this endpoint no toxicological test data is available for the whole product.

11.1.11 Aspiration hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Assessment:

For the product as a whole, no test data is available. According to current knowledge adverse effects on water purification plants are not expected.

12.2. Persistence and degradability

Assessment:

Contact with water liberates ethanol and silanol- and/or siloxanol-compounds. The hydrolysis product (Ethanol) is readily biologically degradable. Silanol- and/or siloxanol-compounds: Biologically not degradable.

12.3. Bioaccumulative potential

Assessment:

No data known.

16.03.2023 EN (English) 6/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

12.4. Mobility in soil

Assessment:

No data known.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

none known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1 Material

Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

13.1.3 Waste Disposal Legislation Ref. No. (EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

SECTION 14: Transport information

14.1 - 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

Road ADR:

Valuation Not regulated for transport Railway RID: Valuation Not regulated for transport

Transport by sea IMDG-Code:

Valuation

Not regulated for transport

Air transport ICAO-TI/IATA-DGR: Valuation

Not regulated for transport

14.5. Environmental hazards

Hazardous to the environment: no

14.6. Special precautions for user

Relevant information in other sections has to be considered.

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

Bulk transport in tankers is not intended.

SECTION 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III):

Not applicable

Relevant regulations:

SI 2002/1689: CHIP Regulations 2002 SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

16.03.2023 EN (English) 7/9



PermaSEAL PRO DPC Injection Cream Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

Other specifications, restrictions and prohibitions:

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX I. RESTRICTED EXPLOSIVES

PRECURSORS: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX II. REPORTABLE EXPLOSIVES

PRECURSORS: Not applicable

United States of America (USA)

Australia

China

Canada

Taiwan

Philippines

Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan ENCS (Handbook of Existing and New Chemical Substances):

This product is listed in, or complies with, the substance inventory.

New Zealand NZIoC (New Zealand Inventory of Chemicals):

This product is listed in, or complies with, the substance inventory. (For a correct interpretation of the New Zealand status, additional information like GHS classification

or Group Standard is required.) AIIC (Australian Inventory of Industrial Chemicals):

This product is listed in, or complies with, the substance inventory. IECSC (Inventory of Existing Chemical Substances in China):

This product is listed in, or complies with, the substance inventory.

DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

PICCS (Philippine Inventory of Chemicals and Chemical Substances):

This product is listed in, or complies with, the substance inventory.

TSCA (Toxic Substance Control Act Chemical Substance Inventory):

All components of this product are listed as active or are in compliance with the

substance inventory

TCSI (Taiwan Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSIcompliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the

duty of the importing/manufacturing legal entity to take care of this obligation.

REACH (Regulation (EC) No 1907/2006): European Economic Area (EEA)

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by

customers or other downstream users must be fulfilled by the latter. AREC (Act on Registration and Evaluation of Chemicals, "K-REACH"): Please approach your regular contact for more detailed information.

15.2. Chemical Safety Assessment

South Korea (Republic of Korea)

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

SECTION 16: Other information

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

Permagard restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on www.permagard.co.uk. Permagard may cancel any delivery obligation(s) if the Health Care Policy is not observed.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

16 03 2023 EN (English) 8/9



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Key or legend to abbreviations and acronyms used in the safety data sheet

ABEK - Multi-Range Filter A, B, E, K; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; APF - Assigned Protection Factor; CAS No. - Chemical Abstracts Service Registry Number; DFG - German Research Foundation; DIN - German institute for standardization; DOC - Dissolved Organic Carbon; d/w - days per week; EC / CE / EG - European Community; EC50 / CE50 - Median effective concentration; ECHA - European Chemicals Agency; ED - endocrine disruptor; EG-RL - test method according to Regulation 440/2008; EN - European Standard; ERC - Environmental Release Category; g/cm³ gram per cubic centimeter; h - hour(s); H-Code - hazard statement code(s); hPa - Hectopascal; IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 / CI50 - half maximal inhibitory concentration; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IMDG Code - International Maritime Dangerous Goods Code; ISO - International Organization for Standardization; LC50 / CL50 - medium lethal concentration; LD50 / DL50 medium lethal dose; LOAEC - Lowest Observed Adverse Effect Concentration; LOAEL - Lowest Observed Adverse Effect Level; MARPOL - International Convention for the Prevention of Marine Pollution from Ships; mg/g - milligrams per gram; mg/kg milligrams per kilogram; mg/l - milligrams per liter; mg/m³ - milligrams per cubic meter; min - minutes; mJ - millijoule; mm millimeter; mm²/s - square millimeter per second; mPa.s - Millipascal second(s); MSDS / SDB / SDS - safety data sheet; No Observed Adverse Effect Concentration; NOAEL - No Observed adverse effect level; NOEC - No Observed Effect Concentration; NOEL - No Observed Effect Level; OECD - Organization for Economic Cooperation and Development; PBT - persistent, bioaccumulative, toxic; PC - product category; P-Code - precautionary statement code(s); ppm - parts per million; PROC process category; RCP - reciprocal calculation-based procedure; RID - convention concerning international carriage by rail; SU sector of use; SVHC - substance of very high concern; Vol% - volume percent; UN No. - United Nations Dangerous Goods Number; vPvB - very Persistent, very Bioaccumulative

Explanation of the GHS classification code:

Acute Tox. 3; H301 Acute toxicity Category 3; Toxic if swallowed. Acute toxicity Category 2; Fatal in contact with skin. Acute Tox. 2; H310

Acute Tox. 2; H330 Acute toxicity Category 2; Fatal if inhaled. Skin Corr. 1C; H314

Skin corrosion/irritation Category 1C; Causes severe skin burns and eye damage.

Skin Sens. 1A; H317 Skin sensitisation Category 1A, May cause an allergic skin reaction.

Aquatic Acute 1; H400 Short-term (acute) aquatic hazard Category 1; Very toxic to aquatic life.

Long-term (chronic) aquatic hazard Category 1; Very toxic to aquatic life with long lasting effects. Aquatic Chronic 1; H410

Eye Dam. 1; H318 Serious eye damage/eye irritation Category 1; Causes serious eye damage.

EUH071 Corrosive to the respiratory tract.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

16 03 2023 EN (English)