

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 05/12/2024 Revision date: 05/12/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : LTP Porcelain Tile Enhancer

Product code : LTP/45

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

Relevant identified uses

Intended for general public

Main use category : Consumer use,Professional use
Use of the substance/mixture : Porcelain Sealer & Stainblock

1.3. Details of the supplier of the safety data sheet

Marketing Company & Exclusive Distributor

LTP Ltd

Tone Industrial Estate

Miverton Road

TA21 0AN Wellington

United Kingdom

T 01823 666213, F 01823 665685

info@ltp-online.co.uk, www.ltp-online.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.)

+44 (0) 1270 502891 (Out of hours emergency number)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

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.

2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.

EUH-statements : EUH208 - Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic

reaction.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-(2-butoxyethoxy)ethanol substance with a Community workplace exposure limit	CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119475104-	≥1-<5	Eye Irrit. 2, H319
2-butoxyethanol substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-	≥ 0.1 – < 3	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690- 50	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690- 50	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

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.

First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions.

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Symptoms/effects after ingestion : None under normal conditions.

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. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorised 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

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

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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

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

2-butoxyethanol (111-76-2)			
United Kingdom - Occupational Exposure Limits			
Local name	2-Butoxyethanol		
WEL TWA (OEL TWA)	123 mg/m³		
	25 ppm		
WEL STEL (OEL STEL)	246 mg/m³		
	50 ppm		
Remark Sk (Can be absorbed through the skin. The assigned substances are those for which the are concerns that dermal absorption will lead to systemic toxicity)			
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE			
United Kingdom - Biological limit values			
Local name	2-Butoxyethanol		
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift		
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE			
2-(2-butoxyethoxy)ethanol (112-34-5)			
United Kingdom - Occupational Exposure Limits			
Local name	2-(2-Butoxyethoxy)ethanol		
WEL TWA (OEL TWA)	67.5 mg/m³		
	10 ppm		
WEL STEL (OEL STEL)	101.2 mg/m³		
	15 ppm		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

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Personal protective equipment symbol(s):







Eye and face protection

Eye protection:

Safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

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 : Liquid Colour : Not available Odour : Not available Odour threshold : Not available Melting point : Not applicable : Not available Freezing point : Not available Boiling point : Non flammable. Flammability Lower explosion limit : Not available : Not available Upper explosion limit Flash point : Not available Not available Auto-ignition temperature Decomposition temperature Not available Not available рΗ Viscosity, kinematic Not available Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure Not available Vapour pressure at 50°C Not available Density Not available Relative density Not available Relative vapour density at 20°C : Not available Particle characteristics Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

: Not classified
1746 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1322 - 2301
1746 mg/kg bodyweight
> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
435 mg/kg bodyweight
2200 mg/l
5660 mg/kg
2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645
: Not classified

2-methylisothiazol-3(2H)-one (2682-20-4)	
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pH 2.58 Temp.: 25 °C Concentration: 50 g/L

Serious eye damage/irritation : Not classified

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

pH 2.58 Temp.: 25 °C Concentration: 50 g/L

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

2-butoxyethanol (111-76-2)

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified

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2-butoxyethanol (111-76-2)	
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
2-(2-butoxyethoxy)ethanol (112-34-5)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
2-methylisothiazol-3(2H)-one (2682-20-	-4)
LOAEL (oral, rat, 90 days)	71.2 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: other:
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
2-(2-butoxyethoxy)ethanol (112-34-5)	
Viscosity, kinematic	≈ 6.794 mm²/s

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

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Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short–term

acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)		
2-butoxyethanol (111-76-2)		
LC50 - Fish [1] 1474 mg/l		
EC50 - Crustacea [1]	≈ 1800 mg/l Test organisms (species): Daphnia magna	
EC50 - Other aquatic organisms [1]	1550 mg/l waterflea	
EC50 - Other aquatic organisms [2]	911 mg/l	
EC50 72h - Algae [1]	911 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 72h - Algae [2]	1840 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic fish	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '21 d'	
2-(2-butoxyethoxy)ethanol (112-34-5)		
LC50 - Fish [1] 1300 mg/l Test organisms (species): Lepomis macrochirus		
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna	
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	

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2-methylisothiazol-3(2H)-one (2682-20-4)		
LC50 - Fish [1]	4.77 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Crustacea [1]	1.6 mg/l Test organisms (species): Daphnia magna	

12.2. Persistence and degradability

Ecoprotec Porcelain Paving Enhancer / LTP Porcelain Tile Enhancer		
Persistence and degradability Not rapidly degradable		
2-butoxyethanol (111-76-2)		
Persistence and degradability Not rapidly degradable		
2-(2-butoxyethoxy)ethanol (112-34-5)		
Persistence and degradability	Not rapidly degradable	
2-methylisothiazol-3(2H)-one (2682-20-4)		
Persistence and degradability	Not rapidly degradable	

12.3. Bioaccumulative potential

2-butoxyethanol (111-76-2)		
Partition coefficient n-octanol/water (Log Pow) 0.8		
2-(2-butoxyethoxy)ethanol (112-34-5)		
Partition coefficient n-octanol/water (Log Pow)	0.56	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

SECTION 14: Transport information

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

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ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard c	lass(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
4.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information	n available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations a	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			
BLV	Biological limit value			
BOD	Biochemical oxygen demand (BOD)			
COD	Chemical oxygen demand (COD)			
DMEL	Derived Minimal Effect level			
DNEL	Derived-No Effect Level			
EC-No.	European Community number			
EC50	Median effective concentration			
EN	European Standard			
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			
OEL	Occupational Exposure Limit			
PBT	Persistent Bioaccumulative Toxic			
PNEC	Predicted No-Effect Concentration			
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail			
SDS	Safety Data Sheet			
STP	Sewage treatment plant			

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Abbreviations and acronyms:		
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

Acute Tox. 2 (Inhalation) Acute toxicity (inhal.), Category 2 Acute Tox. 3 (Dermal) Acute toxicity (dermal), Category 3 Acute Tox. 3 (Inhalation:vapour) Acute toxicity (inhalation:vapour) Category 3 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 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H331 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes sin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye irritation. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 May cause damage to organs through prolonged or repeated exposure.	Full tout of H. and Fill	E HALLANDIN AND ENDINGER OF THE CONTROL OF THE CONT				
Acute Tox. 3 (Dermal) Acute Tox. 3 (Inhalation:vapour) Acute Tox. 3 (Inhalation:vapour) Acute Tox. 3 (Oral) 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 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H333 May cause damage to organs through prolonged or repeated exposure. H440 Very toxic to aquatic life. H4410 Very toxic to aquatic life with long lasting effects. Skin Corr. 18 Skin corrosion/irritation, Category 1 Skin Sens. 1A Skin sens. 1A Skin sens. 1A		Full text of H- and EUH-statements:				
Acute Tox. 3 (Inhalation:vapour) Acute Tox. 3 (Oral) Acute toxicity (inhalation:vapour) 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 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 2 H3001 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H333 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin sens. 1A Skin sens. 1A	Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2				
(Inhalation:vapour) 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 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, category 1A	Acute Tox. 3 (Dermal)	Acute toxicity (dermal), 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 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 2 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Toxic if swallowed. Harmful if swallo		Acute toxicity (inhalation:vapour) Category 3				
Aquatic Acute 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Haroll if swallowed. Causes severe skin burns and eye damage. Haroll if swallowed. Causes skin irritation. Haroll if way cause an allergic skin reaction. Haroll if way cause serious eye damage. Haroll if way cause serious eye irritation. Haroll if way cause serious eye irritation. Haroll if way cause serious eye irritation. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way cause damage to organs through prolonged or repeated exposure. Haroll if way to cause to the with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3				
Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1 EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 1A	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4				
EUH208 Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 1 Skin Sens. 1A	Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1				
Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Way 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2	Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1				
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Sens. 1A Skin sensitisation, category 1A	EUH208	Contains 2-methylisothiazol-3(2H)-one(2682-20-4). May produce an allergic reaction.				
H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Way 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Sens. 1A Skin sensitisation, category 1A	Eye Dam. 1	Serious eye damage/eye irritation, Category 1				
Hamful if swallowed. Hamful if swallowed. Toxic in contact with skin. Hall Causes severe skin burns and eye damage. Hall Causes skin irritation. Hall May cause an allergic skin reaction. Hall Causes serious eye damage. Hall Causes serious eye irritation. Hall Causes serious eye irritation. Hall Causes serious eye irritation. Hall Toxic if inhaled. Hall Hall Toxic if inhaled. Hall Hall Very toxic to aquatic life. Hall Very toxic to aquatic life with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Sens. 1A Skin sensitisation, category 1A	Eye Irrit. 2	Serious eye damage/eye irritation, Category 2				
H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Way 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 1A	H301	Toxic if swallowed.				
H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A	H302	Harmful if swallowed.				
H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H333 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin sensitisation, category 1A	H311	Toxic in contact with skin.				
H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin sensitisation, category 1A	H314	Causes severe skin burns and eye damage.				
H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin sensitisation, category 1A	H315	Causes skin irritation.				
H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H317	May cause an allergic skin reaction.				
H330 Fatal if inhaled. H331 Toxic if inhaled. 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H318	Causes serious eye damage.				
H331 Toxic if inhaled. 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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H319	Causes serious eye irritation.				
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. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H330	Fatal if inhaled.				
H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H331	Toxic if inhaled.				
H410 Very toxic to aquatic life with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H373	May cause damage to organs through prolonged or repeated exposure.				
Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H400	Very toxic to aquatic life.				
Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1A Skin sensitisation, category 1A	H410	Very toxic to aquatic life with long lasting effects.				
Skin Sens. 1A Skin sensitisation, category 1A	Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B				
, , ,	Skin Irrit. 2	Skin corrosion/irritation, Category 2				
STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Skin Sens. 1A	Skin sensitisation, category 1A				
	STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2				

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.