



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

1.1. Product identifier

Product form : Mixture
Name : Anti Graffiti Sealer
Product code : ECO/8

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

1.2.1. Relevant identified uses

Main use category : Industrial/Professional Use
Use of the substance/mixture : Water / Stain repellent for tiles

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Barrettine,
Barrettine Works,
St Ivel Way,
Warmley,
Bristol,
BS30 8TY

Tel: +44 (0) 1179 600060 Office Hours only
Mon-Thurs 8am-5pm, Fri 8am – 4.30pm.
Fax: +44 (0) 01179 353437
Email: sales@barrettine.co.uk

Marketing Company & Exclusive Distributor

AM Robb Ltd (T/A LTP)
Tone Industrial Estate,
Milverton Road,
Wellington,
Somerset,
TA21 0AN

Tel: +44 (0) 1823 666213 Office hours only
Mon–Fri 8.30am–5.30pm
Fax: +44 (0) 1823 665685
Email: info@ecoprotec.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1270 502891 (Out of Office Hours Emergency Number)

| Country | Organisation/Company | Address | Emergency number |
|----------------|--|---|---|
| Ireland | National Poisons Information Centre Beaumont Hospital | Beaumont Hospital Beaumont Road 9 Dublin | : +353 1 8379964 |
| United Kingdom | National Poisons Information Service (NHS Direct) | http://www.npis.org | 111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Signal word (CLP) : -
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP) : P273 - Avoid release to the environment
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations
P102 – Keep out of reach of children
EUH-statements : EUH208 - Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)(55965-84-9). May produce an allergic reaction





2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Directive 67/548/EEC |
|---|--|---------|--|
| Reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphates, ammonium salts | (CAS No) N/A (REACH-no) 01-2119436357-36-XXXX | 0,1 - 1 | T+; R26 Xn; R48/22 N; R51/53 |
| octhiline (ISO), 2-octyl-2H-isothiazol-3-one substance with national workplace exposure limit(s) (AT, DE) | (CAS No) 26530-20-1 (EC no) 247-761-7 (EC index no) 613-112-00-5 | < 0,1 | T; R23/24 Xn; R22 C; R34 R43 N; R50/53 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS No) 55965-84-9 (EC index no) 613-167-00-5 | < 0,1 | T; R23/24/25 C; R34 R43 N; R50/53 |

| Name | Product identifier | Specific concentration limits |
|---|--|--|
| octhiline (ISO), 2-octyl-2H-isothiazol-3-one | (CAS No) 26530-20-1 (EC no) 247-761-7 (EC index no) 613-112-00-5 | (C >= 0,05) R43 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS No) 55965-84-9 (EC index no) 613-167-00-5 | (C >= 0,0015) R43 (0,06 =< C < 0,6) Xi; R36/38 (C >= 0,6) C; R34 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|--|
| Reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphates, ammonium salts | (CAS No) N/A (REACH-no) 01-2119436357-36-XXXX | 0,1 - 1 | Acute Tox. 2 (Inhalation:dust,mist), H330 STOT SE 2, H371 Aquatic Chronic 1, H410 |
| octhiline (ISO), 2-octyl-2H-isothiazol-3-one substance with national workplace exposure limit(s) (AT, DE) | (CAS No) 26530-20-1 (EC no) 247-761-7 (EC index no) 613-112-00-5 | < 0,1 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS No) 55965-84-9 (EC index no) 613-167-00-5 | < 0,1 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

| Name | Product identifier | Specific concentration limits |
|---|--|---|
| octhiline (ISO), 2-octyl-2H-isothiazol-3-one | (CAS No) 26530-20-1 (EC no) 247-761-7 (EC index no) 613-112-00-5 | (C >= 0,05) Skin Sens. 1, H317 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS No) 55965-84-9 (EC index no) 613-167-00-5 | (C >= 0,0015) Skin Sens. 1, H317 (0,06 =< C < 0,6) Eye Irrit. 2, H319 (0,06 =< C < 0,6) Skin Irrit. 2, H315 (C >= 0,6) Skin Corr. 1B, H314 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

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.

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

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| octhilinone (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
|---|---|----------------------------|
| Austria | Local name | 2-Octyl-2H-isothiazol-3-on |
| Austria | MAK (mg/m ³) | 0,05 mg/m ³ |
| Austria | MAK Short time value (mg/m ³) | 0,05 mg/m ³ |
| Austria | Remark (AT) | H,S |
| Germany | Local name | 2-Octyl-2H-isothiazol-3-on |
| Germany | TRGS 900 Occupational exposure limit value (mg/m ³) | 0,05 mg/m ³ |
| Germany | Remark (TRGS 900) | DFG,H,Y |
| Slovenia | Local name | 2-oktil-2H-izotiazol-3-on |





| octhiline (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
|--|-------------------------------|--|
| Slovenia | OEL TWA (mg/m ³) | 0,05 mg/m ³ |
| Slovenia | OEL STEL (mg/m ³) | 0,05 mg/m ³ |
| Switzerland | Local name | 2-n-Octyle-2,3-dihydroisothiazole-3-one |
| Switzerland | VME (mg/m ³) | 0,05 mg/m ³ |
| Switzerland | VLE (mg/m ³) | 0,1 mg/m ³ |
| Switzerland | Remark (CH) | 4x15 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9) | | |
| Austria | Local name | 5-Chlor-2-methyl-2,3-dihydroisothiazol-3-on und 2-Methyl-2,3-di-hydroisothiazol-3-on (Gemisch im Verhältnis 3:1) |
| Austria | MAK (mg/m ³) | 0,05 mg/m ³ |
| Austria | Remark (AT) | Sh,H |

8.2. Exposure controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | : Ensure good ventilation of the work station. Provide adequate general and local exhaust ventilation. |
| Personal protective equipment | : Protective clothing. Protective goggles. Gloves. |
| Hand protection | : Protective gloves |
| Eye protection | : Safety glasses |
| Skin and body protection | : Wear suitable protective clothing |
| Respiratory protection | : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended |



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 | : light yellow. |
| Odour | : not significant. |
| Odour threshold | : No data available |
| pH | : 7 - 9 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| 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
Explosive limits : No data available

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.

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 : Not classified

Reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphates, ammonium salts (N/A)

| | |
|---------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
|---------------|--------------|

| | |
|--------------------|--------------|
| LD50 dermal rabbit | > 5000 mg/kg |
|--------------------|--------------|

octhlinone (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1)

| | |
|---------------|-----------------------------------|
| LD50 oral rat | 550 mg/kg (Rat; Literature study) |
|---------------|-----------------------------------|

| | |
|--------------------|---|
| LD50 dermal rabbit | 690 mg/kg bodyweight (Rabbit; Literature study) |
|--------------------|---|

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

| | |
|---------------|----------------------------------|
| LD50 oral rat | 53 mg/kg (Rat; Literature study) |
|---------------|----------------------------------|

Skin corrosion/irritation : Not classified
pH: 7 - 9

Serious eye damage/irritation : Not classified
pH: 7 - 9

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphates, ammonium salts (N/A)

| | |
|-------------|-------------|
| LC50 fish 1 | > 36,4 mg/l |
|-------------|-------------|

| | |
|----------------|-------------|
| EC50 Daphnia 1 | > 16,2 mg/l |
|----------------|-------------|





octhilonone (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1)

| | |
|-------------------------|---|
| LC50 fish 1 | 0,14 mg/l (LC50; 96 h; Pimephales promelas) |
| EC50 Daphnia 1 | 0,18 mg/l (EC50; 48 h; Daphnia magna) |
| LC50 fish 2 | 0,05 mg/l (LC50; 96 h; Oncorhynchus mykiss) |
| EC50 Daphnia 2 | 0,32 mg/l (EC50; 48 h; Daphnia magna) |
| Threshold limit algae 1 | 0,02 mg/l (EC50; 48 h; Selenastrum capricornutum) |

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1),
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)
(55965-84-9)

| | |
|-------------------------|--|
| LC50 fish 1 | 0,28 mg/l (LC50; 96 h; Lepomis macrochirus) |
| EC50 Daphnia 1 | 0,16 mg/l (EC50; 48 h; Daphnia magna) |
| Threshold limit algae 1 | 0,018 mg/l (EC50; 72 h; Pseudokirchneriella subcapitata) |

12.2. Persistence and degradability

octhilonone (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1)

| | |
|-------------------------------|--|
| Persistence and degradability | Inherently biodegradable. No (test)data available on mobility of the substance. Photolysis in the air. |
|-------------------------------|--|

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1),
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)
(55965-84-9)

| | |
|-------------------------------|---|
| Persistence and degradability | No (test)data available on mobility of the components of the mixture. |
|-------------------------------|---|

12.3. Bioaccumulative potential

octhilonone (ISO), 2-octyl-2H-isothiazol-3-one (26530-20-1)

| | |
|---------------------------|---|
| BCF fish 1 | 1280 (BCF; 67 days; Lepomis macrochirus; Flow-through system) |
| Log Pow | 2,45 (Experimental value) |
| Bioaccumulative potential | Potential for bioaccumulation (500 ≤ BCF ≤ 5000). |

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1),
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)
(55965-84-9)

| | |
|---------------------------|---|
| Bioaccumulative potential | No test data of component(s) available. |
|---------------------------|---|

12.4. Mobility in soil

No additional information available

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

- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Waste disposal recommendations : Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations.
- Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not dangerous goods in terms of transport regulations | | | | |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |





| ADR | IMDG | IATA | ADN | RID |
|------------------------------------|---|------------------------------------|------------------------------------|------------------------------------|
| | | | | |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| | |
|--|--|
| 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 | Ecopro Colour Enhancing Sealer - octhiline (ISO), 2-octyl-2H-isothiazol-3-one - reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) |
| 3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | octhiline (ISO), 2-octyl-2H-isothiazol-3-one - reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) |
| 3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 | Ecopro Colour Enhancing Sealer- octhiline (ISO), 2-octyl-2H-isothiazol-3-one - reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Water hazard class (WGK) : 1 - low hazard to waters

WGK remark : Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out





SECTION 16: Other information

| Full text of R-, H- and EUH-statements: | |
|---|---|
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2 |
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 3 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) 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 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| Skin Sens. 1 | Sensitisation — Skin, Category 1 |
| STOT SE 2 | Specific target organ toxicity — Single exposure, Category 2 |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H317 | May cause an allergic skin reaction |
| H330 | Fatal if inhaled |
| H331 | Toxic if inhaled |
| H371 | May cause damage to organs |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |
| EUH208 | Contains . May produce an allergic reaction |
| R22 | Harmful if swallowed |
| R23/24 | Toxic by inhalation and in contact with skin |
| R23/24/25 | Toxic by inhalation, in contact with skin and if swallowed |
| R26 | Very toxic by inhalation |
| R34 | Causes burns |
| R43 | May cause sensitisation by skin contact |
| R48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| C | Corrosive |
| N | Dangerous for the environment |
| T | Toxic |
| T+ | Very toxic |
| Xn | Harmful |

SDS EU_NSC

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.

