

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 05/11/2014 Revision date: 04/05/2022 Supersedes version of: 22/07/2021 Version: 5.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : ASPHALT & TARMAC RESTORER
REACH registration No : Mixture exempt from REACH registration

Product code : R124
Product group : End product

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

#### 1.2.1. Relevant identified uses

Main use category : Consumer use

Use of the substance/mixture : High performance sealer

#### 1.2.2. Uses advised against

No additional information available

## 1.3. Details of the supplier of the safety data sheet

ProtectiT SP Ltd, Unit 1 Glenascaul Business Park Oranmore, County Galway EIRE H91 V2C1

(+353)91795849 info@protectitsp.ie

## 1.4. Emergency telephone number

Emergency number : (+353) 91795849

#### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Full text of H- and EUH-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.

## 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) : P102 - Keep out of reach of children.

P273 - Avoid release to the environment.

P260 - Do not breathe vapours, fume, spray.

P262 - Do not get in eyes, on skin, or on clothing.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing, eye protection, face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P332+P313 - If skin irritation occurs: Get medical advice/attention.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

P314 - Get medical advice/attention if you feel unwell.

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EUH-statements : EUH208 - Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-

ISOTHIAZOL-3-ONE (26530-20-1). May produce an allergic reaction.

## 2.3. Other hazards

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

## 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]
1,2-BENZISOTHIAZOLIN-3-ONE	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	< 0.05	Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
2-METHYLISOTHIAZOL-3(2H)-ONE	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9	< 0.05	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 1 (Inhalation), H330 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1A, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
DIURON (ISO)	CAS-No.: 330-54-1 EC-No.: 206-354-4 EC Index-No.: 006-015-00-9	< 0.05	Acute Tox. 4 (Oral), H302 Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
2-OCTYL-2H-ISOTHIAZOL-3-ONE	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5	< 0.05	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1A, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	CAS-No.: 2372-82-9 EC-No.: 219-145-8 REACH-no: 01-2119980592- 29	< 0.05	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 STOT SE 2, H371 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
1,2-BENZISOTHIAZOLIN-3-ONE	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	( 0.05 ≤C ≤ 100) Skin Sens. 1, H317
2-METHYLISOTHIAZOL-3(2H)-ONE	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9	( 0.0015 ≤C < 100) Skin Sens. 1A, H317
2-OCTYL-2H-ISOTHIAZOL-3-ONE	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5	( 0.05 ≤C < 100) Skin Sens. 1, 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 : Get medical advice/attention if you feel unwell.

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. If skin irritation occurs: Get medical advice/attention. First-aid measures after eye contact : Rinse cautiously with water for several minutes. If eye irritation persists: Get medical

advice/attention. Remove any contact lenses and open eyelids wide apart.

First-aid measures after ingestion : Rinse mouth out with water. Call a poison center or a doctor if you feel unwell. Do not

induce vomiting.

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

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : May cause an allergic skin reaction. Symptoms/effects after eye contact : redness, itching, tears. stinging.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Abdominal pain, nausea.

## 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. Use extinguishing media appropriate for

surrounding fire.

#### 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.

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#### 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. Do not allow to enter drains or water courses.

#### 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth.

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 : Keep cool. Keep container tightly closed.

Storage area : Store in a well-ventilated place. Special rules on packaging : Keep only in original container.

## 7.3. Specific end use(s)

High performance sealer.

#### **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## 8.1.1 National occupational exposure and biological limit values

No additional information available

## 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

## Appropriate engineering controls:

Ensure good ventilation of the work station.

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#### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):







#### 8.2.2.1. Eye and face protection

## Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

## Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. 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 : Black.

Odour : Barely perceptible odour.

Odour threshold : No data available

pH : 8 – 9.5

Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available. Freezing point : No data available

Boiling point :  $100 \,^{\circ}\text{C}$ Flash point :  $> 93 \,^{\circ}\text{C}$ 

: No data available. Auto-ignition temperature 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 Density : 1.1 - 1.15 g/m<sup>3</sup> Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : No data available Viscosity, dynamic : 0.6 - 0.7 mPa.sExplosive properties : No data available Oxidising properties : No data available **Explosive limits** : No data available

## 9.2. Other information

No additional information available

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## **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). Protect from frost.

#### 10.5. Incompatible materials

No additional information available

Reproductive toxicity

## 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) : No data available
Acute toxicity (dermal) : No data available
Acute toxicity (inhalation) : No data available

Acute toxicity (inhalation)	: No data available		
1,2-BENZISOTHIAZOLIN-3-ONE (26	634-33-5)		
LD50 oral rat	1020 mg/kg		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
2-METHYLISOTHIAZOL-3(2H)-ONE	(2682-20-4)		
LD50 oral rat	66 – 105 mg/kg		
LD50 dermal rabbit	200 mg/kg		
LC50 Inhalation - Rat (Dust/Mist)	0.33 mg/l		
N-(3-aminopropyl)-N-dodecylpropa	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)		
LD50 oral rat	261 mg/kg Source: ECHA		
LD50 dermal rat	> 600 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Remarks on results: other:		
Skin corrosion/irritation	: No data available pH: 8 – 9.5		
Serious eye damage/irritation	: No data available pH: 8 – 9.5		
Respiratory or skin sensitisation	: No data available		
Germ cell mutagenicity	: No data available		
Carcinogenicity	: No data available		

1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5)	
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
STOT-single exposure :	No data available

: Data not validated

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N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)		
STOT-single exposure	May cause damage to organs.	
STOT-repeated exposure :	No data available	
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.	
DIURON (ISO) (330-54-1)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)		
LOAEL (dermal, rat/rabbit, 90 days)	5 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Aspiration hazard :	No data available	

## SECTION 12: Ecological information

## 12.1. Toxicity

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

: No data available

effects in the environment. No data available.

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

(chronic)

: No data available

Not rapidly degradable		
1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5)		
LC50 - Fish [1]	≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus	
LC50 - Fish [2]	2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Crustacea [1]	2.94 mg/l Test organisms (species): Daphnia magna	
EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): Daphnia magna	
2-METHYLISOTHIAZOL-3(2H)-ONE (2682-20-4	)	
LC50 - Fish [1]	0.07 – 0.19 mg/l Source: ECOTOX	
EC50 - Crustacea [1]	0.18 mg/l	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diar	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)	
LC50 - Fish [1]	1.735 mg/l Source: Ecological Structure Activity Relationships	
EC50 - Crustacea [1]	0.0775 mg/l Test organisms (species): Daphnia magna	
EC50 - Crustacea [1]  EC50 72h - Algae [1]	0.0775 mg/l Test organisms (species): Daphnia magna 0.02 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
	0.02 mg/l Test organisms (species): Desmodesmus subspicatus (previous name:	
EC50 72h - Algae [1]	0.02 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)      0.012 mg/l Test organisms (species): Desmodesmus subspicatus (previous name:	
EC50 72h - Algae [1] EC50 72h - Algae [2]	0.02 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)  0.012 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	

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## 12.2. Persistence and degradability

#### **ASPHALT & TARMAC RESTORER**

Persistence and degradability Readily biodegradable.

#### 12.3. Bioaccumulative potential

#### **ASPHALT & TARMAC RESTORER**

Bioaccumulative potential No bioaccumulation data available.

#### **1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5)**

Partition coefficient n-octanol/water (Log Pow) 0.64

#### 2-METHYLISOTHIAZOL-3(2H)-ONE (2682-20-4)

Partition coefficient n-octanol/water (Log Pow) -0.49

#### N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)

Partition coefficient n-octanol/water (Log Pow) 4.46 Source: Quantitative Structure Activity Relation

## 12.4. Mobility in soil

#### **ASPHALT & TARMAC RESTORER**

Ecology - soil Miscible with water.

#### N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)

Mobility in soil 3.283 Source: Quantitative Structure Activity Relation

#### 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 and in accordance to local and regional legislation.

Product/Packaging disposal recommendations

: Disposal of this packaging should at all times comply with the waste disposal legislation and any regional local authority requirements.

#### SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number	14.1. UN number				
UN N/A	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shippin	14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
Transport document description					
UN N/A	Not applicable	Not applicable	Not applicable	Not applicable	

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ADR	IMDG	IATA	ADN	RID	
14.3. Transport hazard	14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group	14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Dangerous for the environment: No	Not applicable	Not applicable	Not applicable	Not applicable	
No supplementary information available					

#### 14.6. Special precautions for user

#### **Overland transport**

No data available

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

## 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

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

## 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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## 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	
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	
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 disrupting properties	

Full text of H- and EUH	I-statements:
Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1

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Acute Tox. 2 Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 (Permai) Acute toxicity (inhalation:dust-mist) Category 2 (inhalation:dust,mist) Acute Tox. 3 (Inhalation) Acute toxicity (inhalation) Acute Tox. 4 (Orai) Acute toxicity (inhalation) Acute toxicity (inhalation) Acute toxicity (inhalation) Acute Tox. 4 (Orai) Acute toxicity (inhalation) Acute toxicity (inhalation) Acute toxicity (inhalation) Acute Tox. 4 (Orai) Acute toxicity (inhalation) Acute Tox. 4 (Orai) Acute toxicity (inhalation) Acute Toxicity			
(Inhalation-dust.mist) Acute Tox. 3 (Dermal) Acute toxicity (dermal), Category 3 Acute Tox. 3 (Inhalation) Acute toxicity (dermal), Category 3 Acute Tox. 3 (Inhalation) Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute toxicity (oral), Category 3 Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4 Aquatic Chronic 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Carc. 2 Carcinogenicity, Category 2 EUH208 Contains 1.2 EBEX/ISO/THAZOLIN-SONE (2634-33-5), 2-OCTYL-2H-ISO/THAZOL-3-ONE (26530-20-1), May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 H301 Toxic if swallowed. H302 H311 Toxic in contact with skin. H314 Causes severe skin brums and eye damage. H315 Causes severe skin brums and eye damage. H316 Causes severe skin brums and eye damage. H317 May aause an allergic iskin reaction. H318 Causes severe skin brums and eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. Suspected of causing cancer, H371 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sens. 1 Skin sensiliaation, Category 1 Stor Repeated exposure, Category 2			
Acute Tox. 3 (Inhalation) Acute toxicity (Inhal.), Category 3 Acute Tox. 4 (Oral) Acute toxicity (oral), Category 3 Acute Tox. 4 (Oral) Acute toxicity (oral), Category 3 Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4 Aquatic Chronic 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Carc. 2 Carcinogenicity, Category 2 EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-6), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1), May produce an allergic reaction. Eye Dam. 1 Serious eye damageleye initation, Category 1 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes serious eye damage. H335 Causes sin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 May cause damage to organs through prolonged or repeated exposure. H371 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H374 H400 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H411 Skin corr. 1A Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sens. 1 Skin sensitsation, Category 1 Skin sens. 1 Skin sensitsation, Category 1 Skin Sens. 1 Skin sensitsation, Category 1 Skin Sens. 1 Skin Sens. 1 Skin sensitsation, Category 1 Scott Sequence Category 2 Skin Sens. 1 Skin Sens. 1 Skin sensitsation, Category 1 Scott Sequence Category 2 Skin Sens. 1 Skin Sens. 1 Skin Sens. 1 Skin Sens. 2 Specific target organ toxicity – Repeated exposure, Category 2		Acute toxicity (inhalation:dust,mist) Category 2	
Acute Tox. 3 (Oral) Acute toxicity (oral). Category 3 Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute Loxicity (oral). Category 4 Aquatic Chronic 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Carc. 2 Carcinogenicity, Category 2 EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2834-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (28530-20-1), May produce an allergic reaction. Eye Dam. 1 Serious eye damage/eye irritation, Category 1 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes server skin burns and eye damage. H315 Causes server skin burns and eye damage. H316 Causes serious eye damage. H330 Fatal ir inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic or aquatic life with long lasting effects. Skin Corr. 1A Skin corresion/irritation, Category 1 Skin Sens. 1 Specific target organ toxicity – Repeated exposure, Category 2 Skin Sens. 1 Stort RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4  Aquatic Acute 1  Aquatic Acute 1  Aquatic Acute 1  Aquatic Chronic 1  Aquatic Chronic 1  Aquatic Chronic 1  Aquatic Chronic 2  Carc. 2  Carcinogenicity, Category 2  EUH208  Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1). May produce an allergic reaction.  Eye Dam. 1  Serious eye damage/eye irritation, Category 1  H301  Toxic if swallowed.  H302  Harmful 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.  H330  Fatal if Inhaled.  H331  Toxic if Inhaled.  H331  Toxic if Inhaled.  H331  Toxic if Inhaled.  H371  May cause damage to organs.  H372  Causes damage to organs through prolonged or repeated exposure.  H400  Very toxic to aquatic life.  H410  Very toxic to aquatic life with long lasting effects.  H411  Toxic to aquatic life with long lasting effects.  Skin corn. 1A  Skin cornsion/irritation, Category 1, Sub-Category 18  Skin Irrit. 2  Skin cornsion/irritation, Category 1  Skin Sens. 1A  Skin sensitisation, category 1  Stot R2  Specific target organ toxicity – Repeated exposure, Category 2	Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), 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 2 Carc. 2 Carcinogenicity, Category 2 Carc. 2 Carcinogenicity, Category 2 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1), May produce an alterigic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 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. H316 Causes serious eye damage. H337 May cause an alterigic skin reaction. H318 Causes serious eye damage. H330 Fatal if Inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Toxic of causing cancer. H371 May cause damage to organs through prolonged or repeated exposure. H372 Causes damage to organs through prolonged or repeated exposure. H473 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corn. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corn. 1B Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sensitisation, category 1 Skin Sens. 1 Skin sensitisation, category 1 STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Aquatic Chronic 1 Hazardous to the aquatic environment - Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment - Chronic Hazard, Category 2 Carc. 2 Carcinogenicity, Category 2 Cutains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1), May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes severe skin burns and eye damage. H316 Causes serious eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if Inhaled. H331 Toxic of aquatic file with long lasting effects. H410 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H412 Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sensitisation, category 1 Skin Sens. 1 Skin sensitisation, category 1 STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2  Carc. 2 Carcinogenicity, Category 2  EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  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.  H330 Fatal if inhaled.  H331 Toxic if inhaled.  H331 Suspected of causing cancer.  H331 May cause damage to organs.  H372 Causes damage to organs through prolonged or repeated exposure.  H373 May cause damage to organs through prolonged or repeated exposure.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irit. 2 Skin orrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, category 1  Stot R2 Specific target organ toxicity – Repeated exposure, Category 2	Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Carc. 2 Carcinogenicity, Category 2  EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  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.  H330 Fatal if inhaled.  H331 Toxic if inhaled.  H331 Any cause damage to organs.  H331 Suspected of causing cancer.  H331 May cause damage to organs through prolonged or repeated exposure.  H372 Causes damage to organs through prolonged or repeated exposure.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1  Skin Crs. 1B Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, category 1  Skin Sens. 1 Skin sensitisation, category 1  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5), 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 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. H330 Fatal if Inhaled. H331 Toxic if Inhaled. H331 Toxic if Inhaled. H331 Way cause damage to organs. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Sens. 1 Skin sensitisation, category 1 StOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2 Specific target organ toxicity – Repeated exposure, Category 2	Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 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. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Way cause damage to organs. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sensitisation, category 1 SKin Sens. 1 Skin sensitisation, category 1 STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	Carc. 2	Carcinogenicity, 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. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Way cause damage to organs. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	EUH208		
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. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1 SCOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
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. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 2 Skin Sens. 1 Skin sensitisation, category 1 SKin Sens. 1 Skin sensitisation, category 1 STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	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. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H331 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 2 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H302	Harmful if swallowed.	
H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H330 Fatal if inhaled.  H331 Toxic if inhaled.  H351 Suspected of causing cancer.  H371 May cause damage to organs.  H372 Causes damage to organs through prolonged or repeated exposure.  H373 May cause damage to organs through prolonged or repeated exposure.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H311	Toxic in contact with skin.	
H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Toxic if inhaled. H351 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, category 1 SKin Sens. 1A Skin sensitisation, category 1 STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H314	Causes severe skin burns and eye damage.	
H318 Causes serious eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. H331 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2 SFOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H315	Causes skin irritation.	
H330 Fatal if inhaled. H331 Toxic if inhaled. H351 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H317	May cause an allergic skin reaction.	
H331 Toxic if inhaled. H351 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2 Specific target organ toxicity – Repeated exposure, Category 2 Specific target organ toxicity – Repeated exposure, Category 2	H318	Causes serious eye damage.	
H351 Suspected of causing cancer. H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H330	Fatal if inhaled.	
H371 May cause damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2	H331	Toxic if inhaled.	
H372 Causes damage to organs through prolonged or repeated exposure.  H373 May cause damage to organs through prolonged or repeated exposure.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H351	Suspected of causing cancer.	
H373 May cause damage to organs through prolonged or repeated exposure.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H371	May cause damage to organs.	
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.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H372	Causes damage to organs through prolonged or repeated exposure.	
H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.	
H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H400	Very toxic to aquatic life.	
H412 Harmful to aquatic life with long lasting effects.  Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 2  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H410	Very toxic to aquatic life with long lasting effects.	
Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A  Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B  Skin Irrit. 2 Skin corrosion/irritation, Category 2  Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 1  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	H411	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. 1  Skin sensitisation, Category 1  Skin Sens. 1A  Skin sensitisation, category 1A  STOT RE 1  Specific target organ toxicity – Repeated exposure, Category 1  STOT RE 2  Specific target organ toxicity – Repeated exposure, Category 2	H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 1 STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A	
Skin Sens. 1 Skin sensitisation, Category 1  Skin Sens. 1A Skin sensitisation, category 1A  STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 1  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Sens. 1A  Skin sensitisation, category 1A  STOT RE 1  Specific target organ toxicity – Repeated exposure, Category 1  STOT RE 2  Specific target organ toxicity – Repeated exposure, Category 2	Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 1  STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2	Skin Sens. 1A	Skin sensitisation, category 1A	
	STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	
STOT SE 2 Specific target organ toxicity – Single exposure, Category 2	STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
	STOT SE 2	Specific target organ toxicity – Single exposure, Category 2	

The classification complies with

: ATP 12

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Safety Data Sheet (SDS), EU

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This complany shall not be held liable for any damage resulting from handling or from contact with the above product.