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

1.1 Product identifier

Trade name

Registration number (REACH)

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

Observe technical data sheet

not relevant (mixture)

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Uses advised against

Observe technical data sheet

1.3 Details of the supplier of the safety data sheet

Baumit GmbH Wopfing 156 A-2754 Waldegg Austria

Telephone: +43 (0)501 888 0

This number is only available during office hours: Mon - Thu 07:00 AM - 05:00 PM Fri 07:00 AM - 12:00 PM

e-mail: office@baumit.com

e-mail (competent person)

office@baumit.com

1.4 Emergency telephone number

Poison centre			
Country	Name	Postal code/city	Telephone
Austria	Vergiftungsinformationszentrale an der 1. Medizinischen Universitätsklinik 24h Notruf Mo-So	1090 Wien	+43 (0)1 4064 343-0



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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements

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

- Signal word not required
- **Pictograms** not required

- Precautionary statements

	temento
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container in accordance with local/regional/national/inter- national regulations.

- Supplemental hazard information

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

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- Biocidal Products Regulation (BPR)

Contains:

Biocidal active substances

Name of substance

1,2-benzisothiazol-3(2H)-one

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\ge 0,1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture:

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
1,2-benzisothiazol- 3(2H)-one	CAS No 2634-33-5 EC No 220-120-9 Index No 613-088-00-6 REACH Reg. No 01-2120761540- 60-xxxx	0.5 - < 1	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411	
Reaction mass of 2- methyl-2H-isothiazol- 3-one and 5-chloro-2- methyl-2H-isothiazol- 3-one	CAS No 55965-84-9 Index No 613-167-00-5 REACH Reg. No 01-2120764691- 48-xxxx	0.0015 - < 0. 025	Acute Tox. 3 / H301 Acute Tox. 2 / H310 Acute Tox. 2 / H330 Skin Corr. 1C / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	



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Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
1,2-benzisothiazol- 3(2H)-one	Skin Sens. 1; H317: C ≥ 0.05 %	-	670 mg/kg	oral
Reaction mass of 2- methyl-2H-isothiazol- 3-one and 5-chloro-2- methyl-2H-isothiazol- 3-one	Skin Corr. 1C; H314: $C \ge 0.6 \%$ Skin Irrit. 2; H315: $0.06 \% \le C < 0.6 \%$ Eye Dam. 1; H318: $C \ge 0.6 \%$ Eye Irrit. 2; H319: $0.06 \% \le C < 0.6 \%$ Skin Sens. 1A; H317: $C \ge 0.0015 \%$	M-factor (acute) = 100 M-factor (chronic) = 100	100 mg/kg 50 mg/kg 0.5 mg/l /4h 0.05 mg/l /4h	oral dermal inhalation: vapour inhalation: dust/mist

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

- **4.2** Most important symptoms and effects, both acute and delayed Symptoms and effects are not known to date.
- **4.3 Indication of any immediate medical attention and special treatment needed** None.

according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes, Co-ordinate firefighting measures to the fire surroundings, Do not allow firefighting water to enter drains or water courses, Collect contaminated firefighting water separately, Fight fire with normal precautions from a reasonable distance

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.



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- Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

There is no additional information.

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occu	pational expos	ure limit	values	(Workp	lace Exp	osure L	imits)				
Coun- try	Name of agent	CAS No	Iden- tifier		TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/m ³]	tion	Sourc e
AT	reaction mass of: 5-chloro-2- methyl-2H-iso- thiazol-3-one and 2-methyl- 2H -isothiazol- 3-one (3:1)		MAK		0.05						GKV

<u>Notation</u>

Ceiling-Cceiling value is a limit value above which exposure should not occurSTELshort-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)TWAtime-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours
time-weighted average (unless otherwise specified)

Relevant DNELs	of compone	nts				
Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
1,2-benziso- thiazol-3(2H)-one	2634-33-5	DNEL	6.81 mg/m ³	human, inhal- atory	worker (in- dustry)	chronic - sys- temic effects
1,2-benziso- thiazol-3(2H)-one	2634-33-5	DNEL	0.966 mg/kg bw/day	human, dermal	worker (in- dustry)	chronic - sys- temic effects
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one		DNEL	0.02 mg/m³	human, inhal- atory	worker (in- dustry)	chronic - local effects



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Relevant DNELs	of compone	ents				
Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one		DNEL	0.04 mg/m ³	human, inhal- atory	worker (in- dustry)	acute - local ef- fects

Relevant PNECs	of compone	nts				
Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	4.03 µg/l	aquatic organ- isms	freshwater	short-term (single instance)
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	0.403 µg/l	aquatic organ- isms	marine water	short-term (single instance)
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	1.03 mg/l	aquatic organ- isms	sewage treat- ment plant (STP)	short-term (single instance)
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	49.9 µg/kg	aquatic organ- isms	freshwater sedi- ment	short-term (single instance)
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	4.99 µg/kg	aquatic organ- isms	marine sedi- ment	short-term (single instance)
1,2-benziso- thiazol-3(2H)-one	2634-33-5	PNEC	3 mg/kg	terrestrial or- ganisms	soil	short-term (single instance)
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one	55965-84-9	PNEC	3.39 µg/l	aquatic organ- isms	freshwater	short-term (single instance)
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one	55965-84-9	PNEC	3.39 µg/l	aquatic organ- isms	marine water	short-term (single instance)
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one	55965-84-9	PNEC	0.23 mg/l	aquatic organ- isms	sewage treat- ment plant (STP)	short-term (single instance)
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and	55965-84-9	PNEC	0.027 mg/ kg	aquatic organ- isms	freshwater sedi- ment	short-term (single instance)



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Relevant PNECs	of compone	nts				
Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
5-chloro-2- methyl-2H-iso- thiazol-3-one						
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one	55965-84-9	PNEC	0.027 mg/ kg	aquatic organ- isms	marine sedi- ment	short-term (single instance)
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2- methyl-2H-iso- thiazol-3-one	55965-84-9	PNEC	0.01 mg/ kg	terrestrial or- ganisms	soil	short-term (single instance)

according to Regulation (EC) No. 1907/2006 (REACH)

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8.2 Exposure controls



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Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Eye/face protection



Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

according to Regulation (EC) No. 1907/2006 (REACH)



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	whitish
Odour	mild
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	300 °C
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	30 mm²/s at 20 °C
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure30 mPa at 20 °C

Density and/or relative density

Density	1 g/cm³ at 20 °C
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant	
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Other safety characteristics

according to Regulation (EC) No. 1907/2006 (REACH)



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Temperature class (EU, acc. to ATEX)

T3 (maximum permissible surface temperature on the equipment: 200° C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components				
Name of substance	CAS No	Exposure route	ATE	
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	670 mg/kg	
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2-methyl-2H- isothiazol-3-one	55965-84-9	oral	100 mg/kg	
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2-methyl-2H- isothiazol-3-one	55965-84-9	dermal	50 mg/kg	
Reaction mass of 2-methyl-2H-iso- thiazol-3-one and 5-chloro-2-methyl-2H- isothiazol-3-one	55965-84-9	inhalation: vapour	0.5 mg/l/4h	
Reaction mass of 2-methyl-2H-iso-	55965-84-9	inhalation: dust/mist	0.05 mg/l/4h	

according to Regulation (EC) No. 1907/2006 (REACH)

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Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
thiazol-3-one and 5-chloro-2-methyl-2H- isothiazol-3-one			

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

- **12.2 Persistence and degradability** Data are not available.
- **12.3 Bioaccumulative potential** Data are not available.
- 12.4 Mobility in soil

Data are not available.

- 12.5 Results of PBT and vPvB assessment According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.
- 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\ge 0,1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to LoW

15 01 02: Plastic packaging 08 04 10: Waste adhesives and sealants other than those mentioned in 08 04 09

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

not relevant

not assigned

gerous goods regulations

none

not subject to transport regulations

non-environmentally hazardous acc. to the dan-

SECTION 14: Transport information

- 14.1 UN number or ID number
- 14.2 UN proper shipping name
- 14.3 Transport hazard class(es)
- 14.4 Packing group
- 14.5 Environmental hazards

14.6 Special precautions for user

There is no additional information.



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14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

Dangerous substances with restrictions (REACH, Annex XVII)							
Name of sub- stance	Name acc. to in- ventory	CAS No	EC No	Type of re- gistration	Remarks	Restric- tion	No
1,2-benzisothiazol- 3(2H)-one		2634- 33-5	220-120- 9				
Reaction mass of 2- methyl-2H-iso- thiazol-3-one and 5-chloro-2-methyl- 2H-isothiazol-3-one		55965 -84-9					

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list none of the ingredients are listed

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Water Framework Directive (WFD)

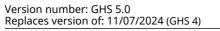
List of pollutants (WFD)			
Name of substance	CAS No	Listed in	Remarks
Reaction mass of 2-methyl-2H-isothiazol- 3-one and 5-chloro-2-methyl-2H-iso- thiazol-3-one		a)	

<u>Legend</u>

a) Indicative list of the main pollutants

according to Regulation (EC) No. 1907/2006 (REACH)

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Regulation on the marketing and use of explosives precursors Not relevant.

Regulation on persistent organic pollutants (POP) none of the ingredients are listed

National regulations (Austria)

Ordinance on combustible liquids (VbF)

not assigned (flash point higher than 100 °C)

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
3.2		Description of the mixture:: change in the listing (table)	yes
13.1	Waste codes/waste designations ac- cording to LoW: 07 02 13: Waste plastic	Waste codes/waste designations ac- cording to LoW: 15 01 02: Plastic packaging 08 04 10: Waste adhesives and sealants other than those mentioned in 08 04 09	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the Interna- tional Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of sub- stances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit





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Abbr.	Descriptions of used abbreviations
	EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" de- veloped by the United Nations
GKV	Grenzwerteverordnung
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of An- nex VI to Regulation (EC) No 1272/2008
LoW	List of Wastes
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classi- fied as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

according to Regulation (EC) No. 1907/2006 (REACH)



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Version number: GHS 5.0 Replaces version of: 11/07/2024 (GHS 4)

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
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.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.