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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 30.07.2019 / 0001

Replacing version dated / version: 30.07.2019 / 0001

Valid from: 30.07.2019 PDF print date: 09.08.2019 Foil Adhesive 310 ml Art.: 9095256

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

1.1 Product identifier

Foil Adhesive 310 ml

Art.: 9095256

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

Adhesive

Sector of use [SU]:

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet



BTI Befestigungstechnik GmbH & Co. KG, Salzstr. 51, 74653 Ingelfingen, Germany

Phone:+49 7940 141 141, Fax:+49 7940 141 9141

info@bti.de, www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (BRC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class Hazard category Hazard statement

Skin Sens. 1 H317-May cause an allergic skin reaction.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)





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H317-May cause an allergic skin reaction.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.

P261-Avoid breathing vapours or spray. P280-Wear protective gloves.

P333+P313-If skin irritation or rash occurs: Get medical advice / attention.

P501-Dispose of contents / container to an approved waste disposal facility.

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

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 2-methylisothiazol-3(2H)-one

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

3.2 Mixture	
1,2-benzisothiazol-3(2H)-one	
Registration number (REACH)	
Index	613-088-00-6
EINECS, ELINCS, NLP	220-120-9
CAS	2634-33-5
content %	0,005-<0,05
Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H302
(CLP)	Skin Irrit. 2, H315
	Eye Dam. 1, H318
	Skin Sens. 1, H317
	Aquatic Acute 1, H400 (M=10)

2-methylisothiazol-3(2H)-one	
Registration number (REACH)	





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Index	613-326-00-9
EINECS, ELINCS, NLP	220-239-6
CAS	2682-20-4
content %	0,0015-<0,01
Classification according to Regulation (EC) 1272/2008	Acute Tox. 3, H301
(CLP)	Acute Tox. 3, H311
	Skin Corr. 1B, H314
	Skin Sens. 1A, H317
	Eye Dam. 1, H318
	Acute Tox. 2, H330
	Aquatic Acute 1, H400 (M=10)
	Aquatic Chronic 1, H410 (M=1)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one	
and 2-methyl-2H-isothiazol-3-one (3:1)	
Registration number (REACH)	
Index	613-167-00-5
EINECS, ELINCS, NLP	
CAS	55965-84-9
content %	0,0001-<0,0015
Classification according to Regulation (EC) 1272/2008	Acute Tox. 3, H301
(CLP)	Aquatic Acute 1, H400 (M=100)
	Aquatic Chronic 1, H410 (M=100)
	Eye Dam. 1, H318
	Skin Corr. 1C, H314
	Skin Sens. 1A, H317
	Acute Tox. 2, H310
	Acute Tox. 2, H330

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eve contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion





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Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. Sensitive individuals:

Allergic reaction possible.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Adapt to the nature and extent of fire.

Water jet spray/foam/CO2/dry extinguisher

Unsuitable extinguishing media

None known

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Toxic gases

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.





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In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Store at room temperature.

Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Protective nitrile gloves (EN 374).

Minimum layer thickness in mm:





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>=0,35

Permeation time (penetration time) in minutes:

>=480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Protective hand cream recommended.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally not necessary.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Paste, liquid.

Colour: According to specification

Odour: Characteristic
Odour threshold: Not determined
pH-value: 7,5 - 8,5
Melting point/freezing point: Not determined
Initial boiling point and boiling range: Not determined

Flash point: n.a.

Evaporation rate:

Evaporation rate:

Not determined

Lower explosive limit:

Upper explosive limit:

Vapour pressure:

Vapour density (air = 1):

Not determined

Not determined

Not determined





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Density: 1,02 g/cm3 (20°C)

Bulk density: n.a.

Solubility(ies):

Water solubility:

Partition coefficient (n-octanol/water):

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Not determined

Not determined

Not determined

Not determined

Not determined

Explosive properties: Product is not explosive.

Oxidising properties: No

9.2 Other information

Miscibility: Not determined
Fat solubility / solvent: Not determined
Conductivity: Not determined
Surface tension: Not determined
Solvents content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Not to be expected

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

See also section 7.

None known

10.5 Incompatible materials

See also section 7.

None known

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Foil Adhesive 310 ml				<u> </u>		
Art.: 9095256						
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral						n.d.a.
route:						
Acute toxicity, by						n.d.a.
dermal route:						
Acute toxicity, by						n.d.a.
inhalation:						





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Skin corrosion/irritation:			n.d.a.
Serious eye			n.d.a.
damage/irritation:	 		
Respiratory or skin			n.d.a.
sensitisation:	 		
Germ cell mutagenicity:			n.d.a.
Carcinogenicity:			n.d.a.
Reproductive toxicity:			n.d.a.
Specific target organ			n.d.a.
toxicity - single			
exposure (STOT-SE):			
Specific target organ			n.d.a.
toxicity - repeated			
exposure (STOT-RE):			
Aspiration hazard:			n.d.a.
Symptoms:			n.d.a.

1,2-benzisothiazol-3(2H)-one									
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes			
	nt								
Acute toxicity, by oral	LD50	375	mg/kg	Rat					
route:									
Acute toxicity, by	LD50	4115	mg/kg	Rat					
dermal route:									
Skin corrosion/irritation:						Skin Irrit. 2			
Serious eye						Eye Dam. 1			
damage/irritation:									
Respiratory or skin				Guinea pig		Yes (skin			
sensitisation:						contact)			
Germ cell mutagenicity:						Negative			
Symptoms:						vomiting,			
						headaches,			
						gastrointestin			
						al			
						disturbances			
						nausea			

2-methylisothiazol-3(2H)-one								
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes		
	nt							
Acute toxicity, by oral	LD50	183	mg/kg	Rat				
route:								
Acute toxicity, by	LD50	242	mg/kg	Rat	OECD 402 (Acute			
dermal route:					Dermal Toxicity)			
Acute toxicity, by	LD50	0,11	mg/l/4h	Rat	OECD 403 (Acute	Aerosol		
inhalation:					Inhalation			
					Toxicity)			
Skin corrosion/irritation:						Corrosive		





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Serious eye			Risk of
damage/irritation:			serious
			damage to
			eyes.
Respiratory or skin			Sensitising
sensitisation:			(skin
			contact)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)								
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes		
	nt							
Acute toxicity, by oral	LD50	53	mg/kg	Rat				
route:								
Acute toxicity, by	LD50	660	mg/kg	Rabbit				
dermal route:								
Skin corrosion/irritation:				Rabbit		Corrosive		
Serious eye				Rabbit		Corrosive		
damage/irritation:								
Respiratory or skin				Guinea pig	OECD 406 (Skin	Yes (skin		
sensitisation:					Sensitisation)	contact)		
Aspiration hazard:						No		
Symptoms:						diarrhoea,		
						mucous		
						membrane		
						irritation,		
						watering		
						eyes		

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

Foil Adhesive 310 ml										
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Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes			
12.1. Toxicity to							n.d.a.			
fish:										
12.1. Toxicity to							n.d.a.			
daphnia:										
12.1. Toxicity to							n.d.a.			
algae:										
12.2. Persistence							n.d.a.			
and degradability:										
12.3.							n.d.a.			
Bioaccumulative										
potential:										
12.4. Mobility in							n.d.a.			
soil:										





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12.5. Results of PBT and vPvB				n.d.a.
assessment				
12.6. Other				n.d.a.
adverse effects:				

1,2-benzisothiazol-	1,2-benzisothiazol-3(2H)-one							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes	
12.1. Toxicity to	LC50	96h	0,8-	mg/l	Oncorhynchus	OECD 203		
fish:			2,18		mykiss	(Fish, Acute		
						Toxicity Test)		
12.1. Toxicity to	EC50	48h	1,1-	mg/l	Daphnia	OECD 202		
daphnia:			4,4		magna	(Daphnia sp.		
						Acute		
						Immobilisatio		
						n Test)		
12.1. Toxicity to	EC50	96h	0,055	mg/l	Pseudokirchne			
algae:					riella			
					subcapitata			
12.1. Toxicity to	ErC50	72h	0,11	mg/l	Pseudokirchne	OECD 201		
algae:					riella	(Alga,		
					subcapitata	Growth		
						Inhibition		
						Test)		
12.2. Persistence						OECD 303	Hardly	
and degradability:						(Simulation	biodegradabl	
						Test -	e	
						Aerobic		
						Sewage		
						Treatment)		
12.3.	Log Pow		1,11				A notable	
Bioaccumulative							biological	
potential:							accumulation	
							potential is	
							not to be	
							expected	
							(LogPow 1-	
TD : : .	EGEO	1.01	0.4	/1	D 1		3).	
Toxicity to	EC50	16h	0,4	mg/l	Pseudomonas			
bacteria:					putida			

2-methylisothiazol-3(2H)-one							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.2. Persistence		28d	0,32	%		OECD 301 B	Not readily
and degradability:						(Ready	biodegradabl
						Biodegradabil	e
						ity - Co2	
						Evolution	
						Test)	
12.1. Toxicity to	LC50	96h	4,77-6	mg/l	Oncorhynchus		
fish:					mykiss		





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12.1. Toxicity to	NOEC/NO	21d	0,044	mg/l	Daphnia	
daphnia:	EL		2		magna	
12.1. Toxicity to	EC50	48h	0,359	mg/l	Daphnia	OECD 202
daphnia:					magna	(Daphnia sp.
						Acute
						Immobilisatio
						n Test)
12.1. Toxicity to	EC50	72h	0,138	mg/l		
algae:						
12.1. Toxicity to	NOEC/NO	120h	0,05	mg/l	Pseudokirchne	OECD 201
algae:	EL				riella	(Alga,
					subcapitata	Growth
						Inhibition
						Test)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.5. Results of							No PBT
PBT and vPvB							substance,
assessment							No vPvB
							substance
12.1. Toxicity to	LC50	96h	0,28	mg/l	Lepomis		
fish:					macrochirus		
12.1. Toxicity to	LC50	96h	0,19-	mg/l	Oncorhynchus	OECD 203	
fish:			0,22		mykiss	(Fish, Acute	
						Toxicity Test)	
12.1. Toxicity to	NOEC/NO	28d	0,098	mg/l	Oncorhynchus	OECD 210	
fish:	EL			_	mykiss	(Fish, Early-	
						Life Stage	
						Toxicity Test)	
12.1. Toxicity to	NOEC/NO	21d	0,004	mg/l	Daphnia	OECD 211	
daphnia:	EL			_	magna	(Daphnia	
_						magna	
						Reproduction	
						Test)	
12.1. Toxicity to	EC50	48h	0,16	mg/l	Daphnia		
daphnia:				_	magna		
12.1. Toxicity to	EC50	72h	0,048	mg/l	Pseudokirchne	OECD 201	
algae:					riella	(Alga,	
					subcapitata	Growth	
						Inhibition	
						Test)	
12.1. Toxicity to	NOEC/NO	72h	0,001	mg/l	Pseudokirchne	OECD 201	
algae:	EL		2	_	riella	(Alga,	
					subcapitata	Growth	
						Inhibition	
						Test)	





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12.2. Persistence and degradability:			>60	%	activated sludge	OECD 301 D (Ready Biodegradabil ity - Closed Bottle Test)	Does not conform with EU classification
12.3. Bioaccumulative potential:	BCF		3,6				calculated value
12.3. Bioaccumulative potential:	Log Pow		0,401- 0,486				Does not conform with EU classification
Toxicity to bacteria:	EC50	3h	7,92	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

General statements

14.1. UN number:

n.a.

Transport by road/by rail (ADR/RID)





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14.2. UN proper shipping name:

14.3. Transport hazard class(es):n.a.14.4. Packing group:n.a.Classification code:n.a.LQ:n.a.

14.5. Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

14.2. UN proper shipping name:

14.3. Transport hazard class(es):n.a.14.4. Packing group:n.a.Marine Pollutant:n.a

14.5. Environmental hazards: Not applicable

Transport by air (IATA)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a. 14.4. Packing group: n.a.

14.5. Environmental hazards: Not applicable

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

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

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)!

Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!

Comply with trade association/occupational health regulations.

Directive 2010/75/EU (VOC): < 0,35 %

Treated goods as per Regulation (EU) No. 528/2012 must display specific information on the label.

Please note Article 58 paragraph (3) subparagraph 2 of Regulation (EU) No. 528/2012.

Approval of the biocidal active substance may mean that special conditions are required for marketing the treated goods.

n.a

These are indicated in the approval of the active substance.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections:

These details refer to the product as it is delivered.





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Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Skin Sens. 1, H317	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H330 Fatal if inhaled.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Skin Sens. — Skin sensitization

Acute Tox. — Acute toxicity - oral

Skin Irrit. — Skin irritation

Eye Dam. — Serious eye damage

Aquatic Acute — Hazardous to the aquatic environment - acute

Acute Tox. — Acute toxicity - dermal

Skin Corr. — Skin corrosion

Acute Tox. — Acute toxicity - inhalation

Aquatic Chronic — Hazardous to the aquatic environment - chronic

Any abbreviations and acronyms used in this document:

acc., acc. to according, according to

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX Adsorbable organic halogen compounds

approx. approximately Art., Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service



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CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European CommunityECHA European Chemicals AgencyEEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

etc. et cetera EU European Union

EVAL Ethylene-vinyl alcohol copolymer

Fax. Fax number gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association
IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicablen.av. not availablen.c. not checkedn.d.a. no data available

OECD Organisation for Economic Co-operation and Development

org. organic

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million PVC Polyvinylchloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds





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vPvB very persistent and very bioaccumulative

wwt weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.