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

Revision date / version: 27.05.2021 / 0002

Replacing version dated / version: 27.03.2019 / 0001

Valid from: 27.05.2021 PDF print date: 02.06.2021

Silicone Neutral plus nut 8007 310 ml

Art.: 9094849

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

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

1.1 Product identifier

Silicone Neutral plus nut 8007 310 ml

Art.: 9094849

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

Silicone sealant

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 Tel.: +49 7940 141 141 Fax: +49 7940 141 9141 Email: info@bti.de Homepage: 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)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

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





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EUH208-Contains 2-Octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210-Safety data sheet available on request.

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 Substances

n.a.

3.2 Mixtures

0.12.1.1.1.0.1.0.5	
Hydrocarbons, C18-C24, isoalkanes, <2% aromatics	
Registration number (REACH)	01-2120078782-46-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	940-734-7
CAS	
content %	5-<10
Classification according to Regulation (EC) 1272/2008	Asp. Tox. 1, H304
(CLP), M-factors	

O,O',O''-(methylsilylidyne)trioxime-2-pentanone	
Registration number (REACH)	01-2120004323-76-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	484-460-1
CAS	
content %	1-<5
Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H302
(CLP), M-factors	Eye Irrit. 2, H319

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





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

Skin contact

Wipe off residual product carefully with a soft, dry cloth.

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

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

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

Formaldehyde

Silicon dioxide

Calcium oxide

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.

Remove possible causes of ignition - do not smoke.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

6.2 Environmental precautions

If leakage occurs, dam up.





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Resolve leaks if this possible without risk.

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

Prevent from entering drainage system.

6.3 Methods and material for containment and cleaning up

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

Flush residue using copious water.

Or:

Allow product to harden.

Pick up mechanically 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.

SECTION 7: Handling and storage

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.

Avoid long lasting or intensive contact with skin.

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

Observe directions on label and instructions for use.

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

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

10 mg/m3 (total inhalable dust)
Monitoring procedures:

® Chemical Name	Silica, amorph	ious			Content %:
WEL-TWA: 6 mg/m3 (total	ıl inh. dust),	WEL-STEL:			
2,4 mg/m3 (resp. dust)					
Monitoring procedures:	-				
BMGV:			Other information	:	
© Chemical Name	Calcium carbo	onate			Content %:
WEL-TWA: 4 mg/m3 (resp	pirable dust),	WEL-STEL:			





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BMGV:	Other information:
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O,O',O''-(methylsilylidyne)trioxime-2-pentanone									
Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note			
	Environmental		or						
	compartment								
	Environment -		PNEC	0,1	mg/l				
	freshwater								
	Environment - marine		PNEC	0,01	mg/l				
	Environment -		PNEC	0,269	mg/kg				
	sediment, freshwater								
	Environment -		PNEC	0,057	mg/kg				
	sediment, marine								
	Environment -		PNEC	2,15	mg/l				
	sewage treatment								
	plant								
Consumer	Human - oral	Long term,	DNEL	0,033	mg/kg				
		systemic effects			bw/d				
Consumer	Human - inhalation	Long term,	DNEL	0,057	mg/m3				
		systemic effects							
Consumer	Human - dermal	Long term,	DNEL	0,033	mg/kg				
		systemic effects			bw/d				
Workers / employees	Human - inhalation	Long term,	DNEL	0,229	mg/m3				
		systemic effects		2					
Workers / employees	Human - dermal	Long term,	DNEL	0,065	mg/kg				
		systemic effects			bw/d				

Silica, amorphous										
Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note				
	Environmental		or							
	compartment									
	Environment - oral		PNEC	60000	mg/kg					
	(animal feed)				feed					
Workers / employees	Human - inhalation	Long term, local	DNEL	4	mg/m3					
		effects								

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). (8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

 $(8) = Inhalable\ fraction\ (2017/164/EU,\ 2017/2398/EU).\ (9) = Respirable\ fraction\ (2017/164/EU,\ 2017/2398/EU).$ $(10) = Short\text{-term}\ exposure\ limit\ value\ in\ relation\ to\ a\ reference\ period\ of\ 1\ minute\ (2017/164/EU).\ |\ BMGV=Biological\ monitoring\ guidance\ value\ EH40.\ BGW="Biologischer\ Grenzwert"\ (biological\ limit\ value,\ Germany)\ |\ Other\ information:\ Sen=Capable\ of\ causing\ occupational\ asthma.\ Sk=Can\ be\ absorbed\ through\ skin.\ Carc=Capable\ of\ causing\ cancer\ and/or\ heritable\ genetic\ damage.$





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** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

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.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

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

Polyethylene

Minimum layer thickness in mm:

0.11

Permeation time (penetration time) in minutes:

> 60

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.





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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: Brown
Odour: Characteristic
Odour threshold: Not determined

pH-value: Mixture is non-soluble (in water).

Melting point/freezing point: n.a.

Initial boiling point and boiling range:

Flash point:

Evaporation rate:

Not determined

Not determined

Not determined

Not determined

Not determined

Lower explosive limit: Not determined Upper explosive limit: Not determined Vapour pressure: Not determined Vapour density (air = 1): Not determined Density: 1,005 g/cm3 (20°C) Bulk density: Not determined Solubility(ies): Not determined Water solubility: Insoluble Not determined Partition coefficient (n-octanol/water):

Partition coefficient (n-octanol/water):

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Not determined

Not determined

Not determined

Not determined

Not determined

Not determined

Explosive properties:

Not determined

Not determined

Not determined

9.2 Other information

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

Solvents content: 0 % (Organic solvents)





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SECTION 10: Stability and reactivity

10.1 Reactivity

The product has not been tested.

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.

Strong heat

Moisture

10.5 Incompatible materials

See also section 7.

Avoid contact with strong oxidizing agents.

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).

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Toxicity / effect	Endpoi nt	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral	ATE	>2000	mg/kg			calculated
route:		. = 0 0 0	18,8			value
Acute toxicity, by						n.d.a.
dermal route:						
Acute toxicity, by						n.d.a.
inhalation:						
Skin corrosion/irritation:						n.d.a.
Serious eye						n.d.a.
damage/irritation:						
Respiratory or skin						Not
sensitisation:						sensitizising
						Expert
						judgement
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.





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Symptoms:			n.d.a.

Hydrocarbons, C18-C24	Hydrocarbons, C18-C24, isoalkanes, <2% aromatics								
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes			
	nt								
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat		Analogous conclusion			
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		Analogous conclusion			
Skin corrosion/irritation:						Repeated exposure may cause skin dryness or cracking.			
Aspiration hazard:						Yes			
Symptoms:						coughing, respiratory distress, increased blood pressure, fever, drying of the skin.			

Silica, amorphous						
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral	LD50	>5000	mg/kg	Rat	OECD 401 (Acute	Analogous
route:					Oral Toxicity)	conclusion
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit		References
Acute toxicity, by	LC50	>0,139	mg/l/4h	Rat		References,
inhalation:						Maximum
						achievable
						concentration
						•
Skin corrosion/irritation:				Rabbit		Not irritant,
						References
Serious eye				Rabbit		Not irritant,
damage/irritation:						Mechanical
						irritation
						possible.,
						References
Respiratory or skin				Guinea pig		Not
sensitisation:						sensitizising
Germ cell mutagenicity:						Negative
Carcinogenicity:						No
						indications
						of such an
						effect.





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Reproductive toxicity			No
(Developmental			indications
toxicity):			of such an
			effect.
Symptoms:			eyes,
			reddened

Calcium carbonate						
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral	LD50	>2000	mg/kg	Rat	OECD 420 (Acute	
route:					Oral toxicity -	
					Fixe Dose	
					Procedure)	
Acute toxicity, by oral route:	LD50	> 5000	mg/kg	Rat		
Acute toxicity, by	LD50	>2000	mg/kg	Rat	OECD 402 (Acute	
dermal route:					Dermal Toxicity)	
Acute toxicity, by	LC50	>3	mg/l/4h	Rat	OECD 403 (Acute	
inhalation:					Inhalation	
					Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Not irritant
					Dermal	
					Irritation/Corrosio	
					n)	
Serious eye				Rabbit	OECD 405 (Acute	Not irritant,
damage/irritation:					Eye	Mechanical
					Irritation/Corrosio	irritation
D 11					n)	possible.
Respiratory or skin						No (skin
sensitisation:					,	contact)
Germ cell mutagenicity:					in vitro	Negative
Carcinogenicity:						Negative,
Dangoductivo tovicita						as Ca-lactate
Reproductive toxicity:						Negative,
						as Ca-
						carbonate
						Carbonate

SECTION 12: Ecological information

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

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Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes		
12.1. Toxicity to							n.d.a.		
fish:									





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	1		
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:			
12.5. Results of			n.d.a.
PBT and vPvB			
assessment			
12.6. Other			n.d.a.
adverse effects:			
Other information:			DOC-
			elimination
			degree(comp
			lexing
			organic
			substance)>=
			80%/28d:
			n.a.
Other information:			According
			to the recipe,
			contains no
			AOX.

Hydrocarbons, C18-C24, isoalkanes, <2% aromatics								
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes	
12.2. Persistence							Readily	
and degradability:							biodegradabl	
							e	
12.3.	Log Pow		>7				To be	
Bioaccumulative							expected	
potential:								
12.5. Results of							No PBT	
PBT and vPvB							substance,	
assessment							No vPvB	
							substance	
12.4. Mobility in							Product	
soil:							floats on the	
							water	
							surface.,	
							Adsorption	
							in ground.	
Ozone depletion							No	
potential (ODP):								

Silica, amorphous





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Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to	LC50	96h	>1000	mg/l	Brachydanio	OECD 203	
fish:			0		rerio	(Fish, Acute	
						Toxicity Test)	
12.1. Toxicity to	EC50	24h	>1000	mg/l	Daphnia	OECD 202	
daphnia:			0		magna	(Daphnia sp.	
						Acute	
						Immobilisatio	
						n Test)	
12.1. Toxicity to	EL50	72h	>1000	mg/l		OECD 201	
algae:			0			(Alga,	
						Growth	
						Inhibition	
						Test)	
12.2. Persistence							Abiotically
and degradability:							degradable.
12.3.							Not to be
Bioaccumulative							expected
potential:							
12.4. Mobility in							Not to be
soil:							expected
12.5. Results of							No PBT
PBT and vPvB							substance,
assessment							No vPvB
							substance

Calcium carbonate								
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes	
12.1. Toxicity to	EC50	48h	>100	mg/l	Daphnia	OECD 202		
daphnia:					magna	(Daphnia sp.		
						Acute		
						Immobilisatio		
						n Test)		
12.1. Toxicity to	EC50	72h	>14	mg/l	Desmodesmus	OECD 201		
algae:					subspicatus	(Alga,		
						Growth		
						Inhibition		
						Test)		
Toxicity to	EC50	3h	>1000	mg/l	activated	OECD 209		
bacteria:					sludge	(Activated		
						Sludge,		
						Respiration		
						Inhibition		
						Test (Carbon		
						and		
						Ammonium		
						Oxidation))		





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Toxicity to					Eisenia	OECD 207	Negative
annelids:					foetida	(Earthworm,	
						Acute	
						Toxicity	
						Tests)	
12.3.						,	Not relevant
Bioaccumulative							for inorganic
potential:							substances.
12.4. Mobility in							Not relevant
soil:							for inorganic
							substances.
12.5. Results of							Not relevant
PBT and vPvB							for inorganic
assessment							substances.
12.1. Toxicity to	LC50	96h	>1000	mg/l	Oncorhynchus		
fish:			0		mykiss		
12.1. Toxicity to	LC50	96h	>100	mg/l	Oncorhynchus	OECD 203	
fish:					mykiss	(Fish, Acute	
						Toxicity Test)	
12.1. Toxicity to	EC50	48h	>1000	mg/l	Daphnia		
daphnia:					magna		
12.1. Toxicity to	EC50	72h	>200	mg/l	Desmodesmus		
algae:					subspicatus		
12.2. Persistence							Inorganic
and degradability:							products
							cannot be
							eliminated
							from water
							through
							biological
							purification
ı							methods.

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)

07 02 17 waste containing silicones other than those mentioned in 07 02 16

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

Hardened product:

Can be disposed of with household rubbish.





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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.

15 01 02 plastic packaging

SECTION 14: Transport information

General statements

14.1. UN number: n.a.

Transport by road/by rail (ADR/RID)

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:

General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): 0 %

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.

These are indicated in the approval of the active substance.



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15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections:

2, 3, 8, 9, 11, 12, 15

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

Not applicable

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).

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

Asp. Tox. — Aspiration hazard Acute Tox. — Acute toxicity - oral

Eye Irrit. — Eye irritation

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)

ATE Acute Toxicity Estimate

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

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 Community

ECHA European Chemicals Agency

EEC European Economic Community





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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

IUPACInternational Union for Pure Applied Chemistry

LC50 Lethal Concentration to 50 % of a test population

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)

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

vPvB very persistent and very bioaccumulative

wwt wet 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.





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No responsibility.