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

Revised on / Version: 03.07.2015 / 0007

Replaces revision of / Version: 20.05.2014 / 0006

Valid from: 03.07.2015 PDF print date: 03.07.2015

SOAPY WATER SOLUTION 1000 ML

Art.: 9001880

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

SOAPY WATER SOLUTION 1000 ML

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${\bf 1.2}\ Relevant\ identified\ uses\ of\ the\ substance\ or\ mixture\ and\ uses\ advised\ against$

Relevant identified uses of the substance or mixture:

Sector of use [SU]:

SU 0 - Other

SU 1 - Agriculture, forestry, fishery

SU19 - Building and construction work

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

Chemical product category [PC]:

PC24 - Lubricants, greases, release products

Process category [PROC]:

PROC 8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC10 - Roller application or brushing

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

(GB)

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

Phone: +49 7940 141 256, Fax: +49 7940 141 9256

Stefan.Haug@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)

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)



(B)

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 $EUH208-Contains\ Mixture\ of:\ 5-chloro-2-methyl-2H-isothiazol-3-one\ [EC\ No\ 247-500-7]\ and\ 2-methyl-2H-isothiazol-3-one\ [EC\ No\ 220-239-6]\ (3:1).$ 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.

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

REGULATION (EC) No 648/2004

n.a.

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

Alcohols, C12-14(even numbered), ethoxylated <2.5 EO,	Substance with specific conc. limit(s) acc. to
sulfates, sodium salts	REACh-registration
Registration number (REACH)	01-2119488639-16-XXXX
Index	
EINECS, ELINCS, NLP	500-234-8 (NLP)
CAS	68891-38-3
content %	1-<5
Classification according to Regulation (EC) 1272/2008	Skin Irrit. 2, H315
(CLP)	Eye Dam. 1, H318
	Aquatic Chronic 3, H412

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 3.1/3.2 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

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.

Eye contact

Remove contact lenses.



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

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - 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.

4.3 Indication of any immediate medical attention and special treatment needed

n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Adapt to the nature and extent of fire.

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Oxides of sulphur

Toxic gases

5.3 Advice for firefighters

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

Protective respirator with independent air supply.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Do not pour down the drain undiluted.

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

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.

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

Observe directions on label and instructions for use.





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

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

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Protect from frost.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Alcohols, C12-14(even	numbered), ethoxylated	l <2.5 EO, sulfates,	sodium salt	S		
Area of application	Exposure route / Environmental compartment	Effect on health	Descript or	Value	Unit	Note
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	2750	mg/kg bw/day	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	175	mg/m3	
	Environment - freshwater		DNEL	0,24	mg/l	
	Environment - periodic release		PNEC	0,13	mg/l	
	Environment - marine		PNEC	0,024	mg/l	
	Environment - sediment, freshwater		PNEC	5,45	mg/kg dry weight	
	Environment - sediment, marine		PNEC	0,545	mg/kg dry weight	
	Environment - sewage treatment plant		PNEC	10000	mg/l	
	Environment - soil		PNEC	0,946	mg/kg dry weight	
Consumer	Human - oral	Long term, systemic effects	DNEL	15	mg/kg bw/day	
Consumer	Human - dermal	Long term, systemic effects	DNEL	1650	mg/kg bw/day	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	52	mg/m3	





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Environment -	DNEL	0,071	mg/l	
sporadic				
(intermittent) release				

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 (EN 166) with side protection, with danger of projections.

Skin protection - Hand protection:

Rubber gloves (EN 374).

If applicable

Protective nitrile gloves (EN 374)

Minimum layer thickness in mm:

>=0,4

Permeation time (penetration time) in minutes:

>=480

The breakthrough times determined in accordance with EN 374 Part 3 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.





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

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: Liquid Colour: Colourless Odour: Slightly Odour threshold: Not determined

pH-value: 7,5-7,9

Melting point/freezing point: Not determined Initial boiling point and boiling range: ~100 °C Flash point: Not determined Evaporation rate: Not determined Flammability (solid, gas): Not determined Lower explosive limit: Not determined Upper explosive limit: Not determined Vapour pressure: Not determined Vapour density (air = 1): Not determined Density: 0,998-1,004 g/ml Bulk density: Not determined Not determined Solubility(ies):

Water solubility: Soluble Partition coefficient (n-octanol/water): Not determined Auto-ignition temperature: Not determined Decomposition temperature: Not determined Viscosity: Not determined Explosive properties: Not determined Oxidising properties: Not determined

9.2 Other information

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

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





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No dangerous reactions are known.

10.4 Conditions to avoid

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

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

SOAPY WATER SOLU	TION 10	00 ML								
Art.: 9001880										
Toxicity / effect	Endp	Value	Unit	Organism	Test method	Notes				
	oint									
Acute toxicity, by oral						n.d.a.				
route:										
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						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.				

Alcohols, C12-14(even n	Alcohols, C12-14(even numbered), ethoxylated <2.5 EO, sulfates, sodium salts										
Toxicity / effect	Endp	Value	Unit	Organism	Test method	Notes					
	oint										
Acute toxicity, by oral	LD50	4100	mg/kg	Rat	OECD 401						
route:					(Acute Oral						
					Toxicity)						
Acute toxicity, by	LD50	>2000	mg/kg	Rat	OECD 402						
dermal route:					(Acute Dermal						
					Toxicity)						



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Skin corrosion/irritation:		3,2		Rabbit	OECD 404	Irritant
					(Acute Dermal	
					Irritation/Corrosi	
					on)	
Serious eye				Rabbit	OECD 405	Intensively irritant,
damage/irritation:					(Acute Eye	References
					Irritation/Corrosi	
					on)	
Respiratory or skin				Guinea pig	OECD 406 (Skin	Not sensitizising
sensitisation:					Sensitisation)	
Germ cell mutagenicity:					OECD 471	Negative
					(Bacterial	
					Reverse	
					Mutation Test)	
Reproductive toxicity:	NOA	>1000	mg/kg	Rat	OECD 414	Negative,
	EL				(Prenatal	References
					Developmental	
					Toxicity Study)	
Reproductive toxicity:	NOA	>300	mg/kg	Rat	OECD 416 (Two-	Negative,
	EL				generation	References
					Reproduction	
					Toxicity Study)	
Aspiration hazard:						n.a.
Symptoms:						mucous membrane
						irritation
Specific target organ	NOA	>225	mg/kg	Rat	OECD 408	Target organ(s):
toxicity - repeated	EL				(Repeated Dose	liver, References
exposure (STOT-RE),					90-Day Oral	
oral:					Toxicity Study in	
					Rodents)	

SECTION 12: Ecological information

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

SOAPY WATER SOLUTION 1000 ML										
Art.: 9001880										
Toxicity / effect	Endpoi	Time	Valu	Unit	Organism	Test method	Notes			
	nt		e							
Toxicity to fish:							n.d.a.			
Toxicity to							n.d.a.			
daphnia:										
Toxicity to algae:							n.d.a.			
Persistence and							n.d.a.			
degradability:										
Bioaccumulative							n.d.a.			
potential:										
Mobility in soil:							n.d.a.			



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

Toxicity / effect	Endpoi	Time	Valu	Unit	Organism	Test method	Notes
	nt		e				
Toxicity to fish:	LC50	96h	7,1	mg/l	Brachydanio	OECD 203	
-					rerio	(Fish, Acute	
						Toxicity	
						Test)	
Toxicity to fish:	NOEC/	45d	1	mg/l		OECD 203	
·	NOEL					(Fish, Acute	
						Toxicity	
						Test)	
Toxicity to	EC50	48h	7,4	mg/l	Daphnia	OECD 202	
daphnia:			.,.	8	magna	(Daphnia sp.	
aupinna.					magna	Acute	
						Immobilisati	
						on Test)	
Toxicity to	NOEC/	21d	0,27	mg/l	Daphnia	OECD 211	
daphnia:	NOEL NOEL	210	0,27	1118/1	magna	(Daphnia	
чарина.	NOEL				magna	magna	
						Reproductio	
						n Test)	
Toxicity to algae:	EC50	72h	27.7	ma ⇔ /1		OECD 201	
Toxicity to algae:	ECSU	/ 211	27,7	mg/l			
						(Alga,	
						Growth	
						Inhibition	
	NOTES!	0.41	0.07			Test)	
Toxicity to algae:	NOEC/	96h	0,95	mg/l		OECD 201	
	NOEL					(Alga,	
						Growth	
						Inhibition	
						Test)	
Persistence and		28d	>70	%		OECD 301	Readily
degradability:						A (Ready	biodegradable
						Biodegradabi	
						lity - DOC	
						Die-Away	
						Test)	
Persistence and		28d	95	%		OECD 301	<u> </u>
degradability:						E (Ready	
•						Biodegradabi	
						lity -	
						Modified	
						OECD	
						Screening	
						Test)	





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Bioaccumulative potential:	Log Pow		0,3			Bioaccumulation is unlikely (LogPow < 1).
Mobility in soil:	Koc		191			calculated value
Results of PBT						No PBT substance
and vPvB						
assessment						
Toxicity to	EC50	16h	>10	g/l	DIN 38412	
bacteria:					T.8	

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 06 04 other organic solvents, washing liquids and mother liquors

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

UN number: n.a.

Transport by road/by rail (ADR/RID)

UN proper shipping name:

Transport hazard class(es):

Packing group:

Classification code:

LQ (ADR 2015):

n.a.

n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es):

Packing group:

Marine Pollutant:

n.a.

n.a.

Environmental hazards: Not applicable



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Transport by air (IATA)

UN proper shipping name:

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

Environmental hazards: Not applicable

Special precautions for user

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

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

For classification and labelling see Section 2.

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): 0 9

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 1 - 16

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).

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Skin Irrit. — Skin irritation

Eye Dam. — Serious eye damage

Aquatic Chronic — Hazardous to the aquatic environment - chronic

Any abbreviations and acronyms used in this document:

AC Article Categories

acc., acc. to according, according to

ACGIH American Conference of Governmental Industrial Hygienists

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

AOEL Acceptable Operator Exposure Level

AOX Adsorbable organic halogen compounds



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

ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)

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)

BCF Bioconcentration factor

BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)

BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)

BMGVBiological monitoring guidance value (EH40, UK)

BOD Biochemical oxygen demand

BSEF Bromine Science and Environmental Forum

bw body weight

CAS Chemical Abstracts Service

CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids

CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques

CIPAC Collaborative International Pesticides Analytical Council

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

CMR carcinogenic, mutagenic, reproductive toxic

COD Chemical oxygen demand

CTFA Cosmetic, Toiletry, and Fragrance Association

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level DOC Dissolved organic carbon

DT50 Dwell Time - 50% reduction of start concentration

DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)

dw dry weight

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

EC European CommunityECHA European Chemicals AgencyEEA European Economic AreaEEC 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)

ERC Environmental Release Categories

ES Exposure scenario

etc. et cetera

EU European Union

EWC European Waste Catalogue

Fax. Fax number gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

HET-CAM Hen's Egg Test - Chorionallantoic Membrane

HGWPHalocarbon Global Warming Potential



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IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC Intermediate Bulk Container

IBC (Code) International Bulk Chemical (Code)

IC Inhibitory concentration

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform ChemicaL Information Database

LC lethal concentration

LC50 lethal concentration 50 percent kill

LCLo lowest published lethal concentration

LD Lethal Dose of a chemical

LD50 Lethal Dose, 50% kill

LDLo Lethal Dose Low

LOAEL Lowest Observed Adverse Effect Level

LOEC Lowest Observed Effect Concentration

LOEL Lowest Observed Effect Level

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

NIOSH National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration

NOAEL No Observed Adverse Effect Level

NOEC No Observed Effect Concentration

NOEL No Observed Effect Level

ODP Ozone Depletion Potential

OECD Organisation for Economic Co-operation and Development

org. organic

PAH polycyclic aromatic hydrocarbon PBT persistent, bioaccumulative and toxic

PC Chemical product category

PE Polyethylene

PNEC Predicted No Effect Concentration POCP Photochemical ozone creation potential

ppm parts per millionPROC Process categoryPTFE Polytetrafluorethylene

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)

SADT Self-Accelerating Decomposition Temperature

SAR Structure Activity Relationship

SU Sector of use

SVHC Substances of Very High Concern



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

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SOAPY WATER SOLUTION 1000 ML

Art.: 9001880

Tel. Telephone

ThOD Theoretical oxygen demand

TOC Total organic carbon

TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).

WHO World Health Organization

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.