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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revised on / Version: 23.06.2015 / 0001  
Replaces revision of / Version: 23.06.2015 / 0001  
Valid from: 23.06.2015  
PDF print date: 03.07.2015  
Semi-Concentrate PROTEC CE15S++, Dok-ID: SDS-A014

## 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

**Semi-Concentrate PROTEC CE15S++**

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

**Relevant identified uses of the substance or mixture:**

See definition of the substance or mixture.

**Uses advised against:**

No information available at present.

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

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PROTEC Trading GmbH, Julius-Welser-Str. 1, 5020 Salzburg, Austria  
Phone: +43 662 633393-0, Fax: +43 662 633393-20  
reach@protec-austria.com, www.protec-austria.com

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:**

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**Telephone number of the company in case of emergencies:**

+43 1 4064343

### 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
Eye Dam.	1	H318-Causes serious eye damage.

#### 2.2 Label elements

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



**Danger**

H318-Causes serious eye damage.

P280-Wear eye protection.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310-Immediately call a POISON CENTER/doctor.

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

Alcohol, (C12-15), ethoxylate  
Fatty alcohol polyglycol ethers

### 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.

## SECTION 3: Composition/information on ingredients

### 3.1 Substance

n.a.

### 3.2 Mixture

<b>Alcohol, (C12-15), ethoxylate</b>	
Registration number (REACH)	--
Index	---
EINECS, ELINCS, NLP	500-195-7 (NLP)
CAS	68131-39-5
content %	1-10
Classification according to Regulation (EC) 1272/2008 (CLP)	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)

<b>Fatty alcohol polyglycol ethers</b>	
Registration number (REACH)	--
Index	---
EINECS, ELINCS, NLP	-
CAS	68439-46-3
content %	1-3
Classification according to Regulation (EC) 1272/2008 (CLP)	Eye Dam. 1, H318

<b>Bronopol (INN)</b>	
Registration number (REACH)	--
Index	603-085-00-8
EINECS, ELINCS, NLP	200-143-0
CAS	52-51-7
content %	0,1-<1
Classification according to Regulation (EC) 1272/2008 (CLP)	Acute Tox. 4, H312 Acute Tox. 4, H302 STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)

<b>2-octyl-2H-isothiazol-3-one</b>	
Registration number (REACH)	--
Index	613-112-00-5
EINECS, ELINCS, NLP	247-761-7
CAS	26530-20-1
content %	0,025-<0,05
Classification according to Regulation (EC) 1272/2008 (CLP)	Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

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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

Wash thoroughly with soap and water.  
Remove contaminated clothing immediately.

#### Eye 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.

### 4.3 Indication of any immediate medical attention and special treatment needed

Eye wash

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Adapt to the nature and extent of fire.  
Water jet spray/foam/CO<sub>2</sub>/dry extinguisher

#### 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 nitrogen  
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.  
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

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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**

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**

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### **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).

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.

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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:	Liquid
Colour:	Green
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	7,5
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	100 °C
Flash point:	n.a.
Evaporation rate:	Not determined
Flammability (solid, gas):	No
Lower explosive limit:	n.a.
Upper explosive limit:	n.a.
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	Not determined
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Mixable
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	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

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The product has not been tested.

**10.2 Chemical stability**

Stable with proper storage and handling.

**10.3 Possibility of hazardous reactions**

Hazardous reactions will not occur during storage and handling under normal conditions.

**10.4 Conditions to avoid**

Strong heat

**10.5 Incompatible materials**

Avoid contact with strong alkalis.

Avoid contact with strong acids.

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**

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

**Semi-Concentrate PROTEC CE15S++**

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.

**Alcohol, (C12-15), ethoxylate**

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>1000-2000	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by inhalation:	LC50	>5	mg/l			
Skin corrosion/irritation:				Rabbit		Not irritant
Serious eye damage/irritation:				Rabbit		Intensively irritant
Respiratory or skin sensitisation:						Not sensitizing

**Fatty alcohol polyglycol ethers**

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
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Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Skin corrosion/irritation:						Not irritant
Serious eye damage/irritation:						Intensively irritant
Germ cell mutagenicity:						Negative

<b>Bronopol (INN)</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	305	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	data of a diluted aqueous solution
Acute toxicity, by dermal route:	LD50	1600	mg/kg	Rat		
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Irritant
Serious eye damage/irritation:				Rabbit	(Draize-Test)	Risk of serious damage to eyes.
Specific target organ toxicity - single exposure (STOT-SE):						May cause respiratory irritation.
Symptoms:						eyes, reddened, drowsiness, coughing, mucous membrane irritation, nausea and vomiting.

<b>2-octyl-2H-isothiazol-3-one</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	356	mg/kg	Rat		90% solution
Acute toxicity, by dermal route:	LD50	311	mg/kg	Rabbit		90% solution
Acute toxicity, by inhalation:	LC50	0,58	mg/l/4 h	Rat		Aerosol
Symptoms:						ataxia, diarrhoea

## SECTION 12: Ecological information

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

<b>Semi-Concentrate PROTEC CE15S++</b>							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

<b>Alcohol, (C12-15), ethoxylate</b>							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	1,03	mg/l	Oncorhynchus mykiss		
Toxicity to fish:	LC50	96h	1,4	mg/l	Pimephales promelas		

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Toxicity to daphnia:	EC50	48h	0,14	mg/l	Daphnia magna		
Toxicity to daphnia:	EC50	48h	0,302	mg/l	Daphnia magna		
Toxicity to algae:	EC50	96h	0,7	mg/l	Pseudokirchneriella subcapitata		
Persistence and degradability:			>60	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	
Persistence and degradability:			>90	%		OECD-Screening-Test	

#### Fatty alcohol polyglycol ethers

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	1 - 10	mg/l			
Toxicity to daphnia:	EC50	48h	1 - 10	mg/l			
Toxicity to algae:	EC50	72h	1 - 10	mg/l	Skeletonema costatum		
Persistence and degradability:		28d	> 60	%		OECD 301 B (Ready Biodegradability - Co2 Evolution Test)	

#### Bronopol (INN)

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	35,7	mg/l	Lepomis macrochirus		
Toxicity to fish:	LC50	96h	41,2	mg/l	Oncorhynchus mykiss		
Toxicity to daphnia:	EC50	48h	1,4	mg/l	Daphnia magna		
Toxicity to algae:	EC50	72h	0,4 - 2,8	mg/l	Pseudokirchneriella subcapitata		
Persistence and degradability:	DOC		50	%		ISO 9888	Biodegradable
Bioaccumulative potential:	Log Pow		0,18				Not accepted due to the log Pow - value.
Toxicity to bacteria:	EC50	16h	>50	mg/l	Pseudomonas putida		

#### 2-octyl-2H-isothiazol-3-one

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	0,03	mg/l	Oncorhynchus mykiss		
Toxicity to fish:	LC50	96h	0,05	mg/l	Salmo gairdneri		
Toxicity to daphnia:	EC50	48h	0,1	mg/l	Daphnia magna		
Toxicity to algae:	IC50	72h	0,084	mg/l	Scenedesmus subspicatus		
Toxicity to bacteria:	EC50		30,2	mg/l	activated sludge		

## 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)

12 01 99 wastes not otherwise specified

Recommendation:



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Sewage disposal shall be discouraged.  
Pay attention to local and national official regulations.  
E.g. dispose at suitable refuse site.  
E.g. suitable incineration plant.  
**For contaminated packing material**  
Pay attention to local and national official regulations.  
Empty container completely.  
Dispose of packaging that cannot be cleaned in the same manner as the substance.  
Uncontaminated packaging can be recycled.  
15 01 02 plastic packaging

## 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): n.a.  
Packing group: n.a.  
Classification code: n.a.  
LQ (ADR 2015): n.a.  
Environmental hazards: Not applicable  
Tunnel restriction code:

### Transport by sea (IMDG-code)

UN proper shipping name:  
Transport hazard class(es): n.a.  
Packing group: n.a.  
Marine Pollutant: n.a.  
Environmental hazards: Not applicable

### 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:  
Comply with trade association/occupational health regulations.  
Observe youth employment law (German regulation).  
Directive 2010/75/EU (VOC): > 0,562 %

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

Revised sections: n.a.  
These details refer to the product as it is delivered.  
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
Eye Dam. 1, H318	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).

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful 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.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Eye Dam. — Serious eye damage

Acute Tox. — Acute toxicity - oral

Aquatic Acute — Hazardous to the aquatic environment - acute

Acute Tox. — Acute toxicity - dermal

STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation

Skin Irrit. — Skin irritation

Acute Tox. — Acute toxicity - inhalation

Skin Corr. — Skin corrosion

Skin Sens. — Skin sensitization

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

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

BVG Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)

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

BMGV Biological 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)

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dw dry weight  
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
 EC European Community  
 ECHA European Chemicals Agency  
 EEA European Economic Area  
 EEC 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  
 HGWP Halocarbon Global Warming Potential  
 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 applicable  
 n.av. not available  
 n.c. not checked  
 n.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 million  
 PROC Process category  
 PTFE Polytetrafluorethylene  
 REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

GB

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

These statements were made by:

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