

Page 1 of 12  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 01.11.2021 / 0014  
Replacing version dated / version: 07.03.2017 / 0013  
Valid from: 01.11.2021  
PDF print date: 01.11.2021  
RASCOflex B-P

## 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

##### **RASCOflex B-P**

Diammonium peroxodisulphate  
Registration number (ECHA): --  
Index: 016-060-00-6  
EINECS, ELINCS, NLP, REACH-IT List-No.: 231-786-5  
CAS: 7727-54-0

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

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

2K injection sealant  
Sector of use [SU]:  
SU12 - Manufacture of plastics products, including compounding and conversion

##### **Uses advised against:**

No information available at present.

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

Rascor Construction Chemicals GmbH  
Ratsgasse 6  
97688 Bad Kissingen  
Tel.: +49 (0) 971 130 2738  
Fax: +49 (0) 971 133 6251

Distributor:  
Rascor International AG  
Gewerbestr. 4  
8162 Steinmaur  
Tel.: +41 (0) 44-857 11 11  
Fax: +41 (0) 44-857 11 00

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:**

+41 (0) 44-857 11 11 (8.00h - 17.00h)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

<b>Hazard class</b>	<b>Hazard category</b>	<b>Hazard statement</b>
Acute Tox.	4	H302-Harmful if swallowed.
Eye Irrit.	2	H319-Causes serious eye irritation.
STOT SE	3	H335-May cause respiratory irritation.

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

Revision date / version: 01.11.2021 / 0014

Replacing version dated / version: 07.03.2017 / 0013

Valid from: 01.11.2021

PDF print date: 01.11.2021

RASCOflex B-P

Skin Irrit.	2	H315-Causes skin irritation.
Resp. Sens.	1	H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sens.	1	H317-May cause an allergic skin reaction.
Ox. Sol.	3	H272-May intensify fire, oxidiser.

## 2.2 Label elements

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



Diammonium peroxodisulphate  
CAS: 7727-54-0, Index:016-060-00-6

### Danger

H302-Harmful if swallowed. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H272-May intensify fire, oxidiser.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220-Keep away from clothing and other combustible materials. P261-Avoid breathing dust. P264-Wash hands thoroughly after handling. P270-Do not eat, drink or smoke when using this product. P271-Use only outdoors or in a well-ventilated area. P272-Contaminated work clothing should not be allowed out of the workplace. P280-Wear protective gloves / protective clothing and eye protection / face protection.

P301+P312-IF SWALLOWED: Call a POISON CENTRE / doctor if you feel unwell. P302+P352-IF ON SKIN: Wash with plenty of water and soap. P304+P340-IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313-If skin irritation occurs: Get medical advice / attention. P337+P313-If eye irritation persists: Get medical advice / attention. P362+P364-Take off contaminated clothing and wash it before reuse.

P403+P233-Store in a well-ventilated place. Keep container tightly closed. P405-Store locked up.

## 2.3 Other hazards

No vPvB substance

No PBT substance

No substance with endocrine disrupting properties.

May form explosible dust-air mixture if dispersed.

Very reactive dust/air mixtures.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

<b>Diammonium peroxodisulphate</b>	
<b>Registration number (REACH)</b>	---
<b>Index</b>	016-060-00-6
<b>EINECS, ELINCS, NLP, REACH-IT List-No.</b>	231-786-5
<b>CAS</b>	7727-54-0
<b>content %</b>	

Page 3 of 12  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 01.11.2021 / 0014  
 Replacing version dated / version: 07.03.2017 / 0013  
 Valid from: 01.11.2021  
 PDF print date: 01.11.2021  
 RASCOflex B-P

**Classification according to Regulation (EC) 1272/2008 (CLP), M-factors**

Ox. Sol. 2, H272  
 Acute Tox. 4, H302  
 Skin Irrit. 2, H315  
 Eye Irrit. 2, H319  
 Resp. Sens. 1, H334  
 Skin Sens. 1, H317  
 STOT SE 3, H335

**3.2 Mixtures**

n.a.

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. Call doctor immediately.  
 Remove person from danger area.  
 Keep Data Sheet available.

**Skin contact**

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.  
 Keep Data Sheet available.

**Eye contact**

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.  
 Keep Data Sheet available.

**Ingestion**

Call doctor immediately - have Data Sheet available.

**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.  
 The following may occur:

Irritation of the skin.  
 Irritation of the eyes  
 Irritation of the stomach  
 Inhalation:  
 Irritation of the respiratory tract  
 May cause sensitisation by inhalation.

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**

k.D.v.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

**Unsuitable extinguishing media**

Water  
 CO2  
 Foam  
 Dry extinguisher

**5.2 Special hazards arising from the substance or mixture**

In case of fire the following can develop:  
 Oxides of sulphur  
 Oxides of nitrogen

Page 4 of 12  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 01.11.2021 / 0014  
Replacing version dated / version: 07.03.2017 / 0013  
Valid from: 01.11.2021  
PDF print date: 01.11.2021  
RASCOflex B-P

If applicable:  
Explosive dust/air mixture

### **5.3 Advice for firefighters**

For personal protective equipment see Section 8.  
Protective respirator with independent air supply.  
Chemical protection suit  
Dispose of contaminated extinction water according to official regulations.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **6.1.1 For non-emergency personnel**

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.  
Ensure sufficient ventilation, remove sources of ignition.  
Avoid dust formation with solid or powder products.  
Leave the danger zone if possible, use existing emergency plans if necessary.  
Remove possible causes of ignition - do not smoke.  
Avoid inhalation, and contact with eyes or skin.  
Avoid build up of dust.  
Ensure sufficient ventilation.

#### **6.1.2 For emergency responders**

See section 8 for suitable protective equipment and material specifications.

### **6.2 Environmental precautions**

Prevent from entering drainage system.  
Prevent surface and ground-water infiltration, as well as ground penetration.  
If accidental entry into drainage system occurs, inform responsible authorities.

### **6.3 Methods and material for containment and cleaning up**

Pick up mechanically and dispose of according to Section 13.  
Avoid build up of dust.  
Use no flammable substances.

### **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**

Switch on available suction system.  
Keep away from sources of ignition - Do not smoke.  
Only use explosion-proof equipment.  
Only use working methods according to operating instructions.  
Note danger of explosive-dust  
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**

Keep out of access to unauthorised individuals.  
Do not store with highly flammable, flammable, or self-igniting materials.  
Store product closed and only in original packing.  
Observe TRGS 510 (German regulation).  
Keep away from combustible material.  
Protect against moisture and store closed.  
Do not store over 25°C.

### **7.3 Specific end use(s)**

No information available at present.

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 01.11.2021 / 0014  
 Replacing version dated / version: 07.03.2017 / 0013  
 Valid from: 01.11.2021  
 PDF print date: 01.11.2021  
 RASCOflex B-P

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Chemical Name	general dust limit	Content %:
WEL-TWA: 10 mg/m3 (inhal. dust), 4 mg/m3 (respir. dust)	WEL-STEL: ---	---
Monitoring procedures: ---		
BMGV: ---	Other information: ---	

Diammonium peroxodisulphate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,518	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	0,763	mg/l	
	Environment - sewage treatment plant		PNEC	3,6	mg/l	
	Environment - sediment, freshwater		PNEC	2,03	mg/kg dw	
	Environment - sediment, marine		PNEC	0,203	mg/kg dw	
	Environment - soil		PNEC	0,1	mg/kg dw	
Consumer	Human - inhalation	Long term, local effects	DNEL	0,421	mg/m3	
Consumer	Human - dermal	Long term, systemic effects	DNEL	4,8	mg/kg bw/d	
Consumer	Human - oral	Long term, systemic effects	DNEL	0,47	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	0,824	mg/m3	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	9,5	mg/kg bw/d	

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-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.  
 \*\* = 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:  
 Protective nitrile gloves (EN ISO 374).  
 Minimum layer thickness in mm:  
 0,11  
 Permeation time (penetration time) in minutes:  
 > 480  
 Suitable are, e.g., protective gloves from KCL GmbH Co., D-36124 Eichenzell, e-mail vertrieb@kcl.de, following specifications:

Dermatril®  
 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.

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

Respiratory protection:  
 If OES or MEL is exceeded.  
 Breathing mask with fine dust filter necessary (EN 143), code colour white.  
 Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:  
 If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

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:	Solid, powder
Colour:	White
Odour:	Characteristic
Melting point/freezing point:	There is no information available on this parameter.
Boiling point or initial boiling point and boiling range:	n.a.
Flammability:	No
Lower explosion limit:	Does not apply to solids.
Upper explosion limit:	Does not apply to solids.
Flash point:	Does not apply to solids.
Auto-ignition temperature:	Does not apply to solids.
Decomposition temperature:	120 °C
pH:	There is no information available on this parameter.
Kinematic viscosity:	Does not apply to solids.

Solubility: ~620 g/l  
 Partition coefficient n-octanol/water (log value): There is no information available on this parameter.  
 Vapour pressure: There is no information available on this parameter.  
 Density and/or relative density: 1,98 g/ml  
 Relative vapour density: Does not apply to solids.

**9.2 Other information**

Explosives: There is no information available on this parameter.  
 Oxidizing solids: Yes  
 Bulk density: 950-1050 kg/m3

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

See also Subsection 10.2 to 10.6.  
 The product has not been tested.

**10.2 Chemical stability**

See also Subsection 10.1 to 10.6.

**10.3 Possibility of hazardous reactions**

See also Subsection 10.1 to 10.6.

**10.4 Conditions to avoid**

See also section 7.  
 Protect from humidity.  
 Heating, open flame, ignition sources  
 Decomposition:  
 > 120°C

**10.5 Incompatible materials**

See also section 7.  
 Avoid contact with other chemicals.  
 Avoid contact with strong alkalis.  
 Peroxides  
 Reducing agent  
 Metals  
 Organic materials  
 Keep away from combustible material.

**10.6 Hazardous decomposition products**

See also Subsection 10.1 to 10.5.  
 See also section 5.2

**SECTION 11: Toxicological information**

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

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

**Diammonium peroxodisulphate**

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	742	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by inhalation:	LC50	>5,1	mg/l/4h	Rat	OECD 412 (Subacute Inhalation Toxicity - 28-Day Study)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Skin Irrit. 2
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Eye Irrit. 2
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Skin Sens. 1
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.





Page 9 of 12  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 01.11.2021 / 0014  
 Replacing version dated / version: 07.03.2017 / 0013  
 Valid from: 01.11.2021  
 PDF print date: 01.11.2021  
 RASCOflex B-P

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

## 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)  
 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13  
 Recommendation:  
 Sewage disposal shall be discouraged.  
 Pay attention to local and national official regulations.  
 E.g. dispose at suitable refuse site.

#### For contaminated packing material

Pay attention to local and national official regulations.

## SECTION 14: Transport information

### General statements

14.1. UN number or ID number: 1444

#### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:  
 UN 1444 AMMONIUM PERSULPHATE

14.3. Transport hazard class(es): 5.1

14.4. Packing group: III

Classification code: O2

LQ: n.a.

14.5. Environmental hazards: Not applicable

Tunnel restriction code: E



#### Transport by sea (IMDG-code)

14.2. UN proper shipping name:  
 AMMONIUM PERSULPHATE

14.3. Transport hazard class(es): 5.1

14.4. Packing group: III

EmS: F-A, S-Q

Marine Pollutant: n.a.

14.5. Environmental hazards: Not applicable



#### Transport by air (IATA)

14.2. UN proper shipping name:  
 Ammonium persulphate

14.3. Transport hazard class(es): 5.1

14.4. Packing group: III

14.5. Environmental hazards: Not applicable



### 14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained.  
 All persons involved in transporting must observe safety regulations.  
 Precautions must be taken to prevent damage.

### 14.7. Maritime transport in bulk according to IMO instruments

Freighted as packaged goods rather than in bulk, therefore not applicable.  
 Minimum amount regulations have not been taken into account.  
 Danger code and packing code on request.  
 Comply with special provisions.

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

Revision date / version: 01.11.2021 / 0014

Replacing version dated / version: 07.03.2017 / 0013

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RASCOflex B-P

## SECTION 15: Regulatory information

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

Observe restrictions:

Yes

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

Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements
P8		50	200

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):

n.a.

Observe regulations on prohibition of chemicals.

### 15.2 Chemical safety assessment

There is no chemical safety report available.

## SECTION 16: Other information

Revised sections: 1-16

Employee training in handling dangerous goods is required.

These details refer to the product as it is delivered.

Employee instruction/training in handling hazardous materials is required.

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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H272 May intensify fire, oxidiser.

Acute Tox. — Acute toxicity - oral

Eye Irrit. — Eye irritation

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

Skin Irrit. — Skin irritation

Resp. Sens. — Respiratory sensitization

Skin Sens. — Skin sensitization

Ox. Sol. — Oxidising solid

### Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

### 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)

BCF Bioconcentration factor

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

DOC Dissolved organic carbon

dw dry weight

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

EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants)

EC European Community

ECHA European Chemicals Agency

ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect

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)

ErCx, EµCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants)

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

Koc Adsorption coefficient of organic carbon in the soil

Kow octanol-water partition coefficient

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

IUPAC International 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)

Log Koc Logarithm of adsorption coefficient of organic carbon in the soil

Log Kow, Log Pow Logarithm of octanol-water partition coefficient

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

Page 12 of 12  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 01.11.2021 / 0014  
Replacing version dated / version: 07.03.2017 / 0013  
Valid from: 01.11.2021  
PDF print date: 01.11.2021  
RASCOflex B-P

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n.c. not checked  
n.d.a. no data available  
NLP No-longer-Polymer  
NOEC, NOEL No Observed Effect Concentration/Level  
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  
TOC Total organic carbon  
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.

No responsibility.

These statements were made by:

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