

# SAFTY DATA SHEET



according to Regulation (EC) No. 453/210

## EOX® BIO DERUSTER

Version 2016.1 Revision Date 13.10.2016

GENERIC EU MSDS – NO COUNTRY SPECIFIC DATA – NO OEL DATA

*Product-Code: 4018*

### SECTION 1: Identifikation of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Produc-Code	<b>4018</b>
Product name	<b>EOX® BIO DERUSTER</b>
Trade names	EOX® BIO DERUSTER
Relevant identified uses	Special intensive cleaner to remove rust and oxidised material.
Relevant identified uses of the substance or mixture and dissuade use:	
Relevant identified uses	To remove rust and oxidised material

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

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51643 Gummersbach	
Deutschland	<a href="http://www.eox-deutschland.de">www.eox-deutschland.de</a>

#### 1.3 Emergency telephone number

##### Nederland:

##### Nationaal Vergiftigingen Informatie

Centrum

Bilthoven

Tel.:+31(0)30/274.88.88

(Restricted to professional rescuers to check with acute poisoning)

##### Belgien:

##### Antigifcentrum

Tel.:013 67 06 70

(Restricted to professional rescuers to check with acute poisoning)

### SECTION 2: Identification of the risks

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Causes serious eye irritation      WARNING      Eye Irrit. 2,      H319

## 2.2 Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) GHS07



Signal word (CLP) WARNING

Hazard statements (CLP)

H319 Causes serious eye irritation

H315 Causes skin irritation

H318 Causes serious eye damage

Precautionary statements (CLP)

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2.3 Other hazards

PBT : This substance is not identified as a PBT substance.

## SECTION 3: Composition/information on ingredients

## 3.1 Substances

## 3.2 Mixtures

This material is a mixture

Ingredient:	Gew. %	Informatie:	
Ammonia salt phosphonate	50-75%	CAS Nr.	1503-61-8
		EINECS	*
		EG-annex-Nr.	*
		REACH Reg. Nr.	Pre-registered substances
		CLP-Klassifikation	*
		Symbol	*
		H-Sätze	*
Sulfur containing surfactant	25-35%	CAS Nr.	68608-26-4
		EINECS	271-781-5
		EG-annex-Nr.	*
		REACH Reg. Nr.	01-2119527859-22-0000
		CLP-Klassifikation	Eye. Irrit. Cat 2
		Symbol	GHS07
		H-Sätze	H319
Water	10-25%	CAS Nr.	7732-18-5
		EINECS	231-791-2
		EG-annex-Nr.	*
		REACH Reg. Nr.	*
		CLP-Klassifikation	*
		Symbol	*
		H-Sätze	*

**SECTION 4: First aid measures**

Contact with the eyes	Look for the presence of contact lenses and remove them. Rinse the eyes with opened eyelid long enough (minimum 15 minutes) with lukewarm water if possible. If irritation persists consult a (eye-) doctor. (Keep on rinsing if possible)
Contact with the skin	In case of contact wash with water and soap. With large quantities remove contaminated clothing, rinse skin with plenty of water or shower. Wash garment before using again.
Ingestion	Rinse mouth with water and give two glasses of water to drink. (Never give an unconscious to drink because of risk of choking) Loosen tight fitting clothes, such as shirt, collar, necktie or belt. If large quantities are swallowed consult a doctor immediately.
Inhaling aerosol or vapour in high concentrations	Bring person in fresh air, keep warm and relaxed. In case of lasting irritation consult a doctor.

**SECTION 5: Firefighting measures**

Suitable extinguishing media	Product is not flammable, all extinguishing media allowed like a.o. CO <sub>2</sub> , foam, extinguishing powder, water spray or water spray at larger fires also Jet.
Unusual fire/explosion hazards	Not classified as flammable. In a fire, toxic and corrosive fumes can release.
Protection of fire fighters	In the immediate vicinity of the fire use a self-contained breathing device.

**SECTION 6: Accidental release measures**

Personal precautions	Monitor wearing appropriate personal protective equipment during the cleanup of a spill or release of the liquid in large quantities. Safety glasses against splashes, boots, protective clothing and gloves.
Environmental precautions	Avoid release into sewers or drain on surface water or souterrains.
Cleaning Methods	Stop leak if safe to do so. Absorb with dry soil, sand or other non-flammable material. Collect the waste product in suitable containers for waste disposal.

**SECTION 7: Handling and storage**

Handling	The usual precautionary measures when handling chemicals should be respected. Care for an eye wash and safety shower nearby.
Storage	Keep closed packages in a cool and well-ventilated place. Store frost free.
Storage together with other substances	Keep separate from acids

**SECTION 8: Exposure controls/personal protection**

Technical measures	Make sure eye washes and safety showers are near the work place
Exposure limit value	To not require sufficiently ventilated workplace
Occupational Hygiene	When you are working do not eat, drink or smoke. Wear personal protective equipment.
Mouth-nose protection	Required on not enough ventilated work areas
Skin and body	Wear suitable protective clothing (overall, preferably thick cotton or disposable protective clothing), gloves and eye/face protection. Chemical-resistant shoes. Take off immediately all contaminated clothing. Store working clothes separate.



## Hands



Neoprene or PVA is recommended. Wash your hands at the end of work and before work breaks. In case of repeated or long-term use do not wear thin disposable gloves

## Eyes



Wear full face shield if splashing is possible. Safety glasses and face shield. Use an eye shower and/or rinse your eye

**SECTION 9: Physical and chemical properties**

Apperance	
Physical state	Liquid
Colour	Yellow
Odour	Charastic
Odour threshold	Not available
pH	Ca. 6 [ Conc. (% w/w) 20 g/l 20°C
Melting point / freezing point	0°C
Initial boiling point and boiling range	100°C
Flash point	Not available
Evaporation rate	Not available
Upper/lower flammability or explosive limits	Not available
Flammability (solid, gas)	Not available
Vapour pressure	Not available
Relative density	+/- 1.01
Vapour density	Not available
Solubility(ies)	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Viscosity, kinematic	Not available
Viscosity, dynamic	Not available
Explosive properties	Not available
Decomposition temperature	Not available
Oxidising properties	Not available

**SECTION 10: Stability and reactivity**

Stability	Stable
Conditions to avoid	Keep frost-free
Storage together with other substances	Keep separated from acids
Hazardous decomposition products	Not likely at recommended storage and normal industrial use.

**SECTION 11: Toxicological information**

## 11.1 Acute toxicity:

LD50 (oral, rat) greather than 2000 mg/kg

The following reviews of health hazards is based on an assessment of the different components of the product

Effects on the eyes Product can be corrosive to the eyes. Symptoms: redness, pain, poor vision

Effect on the skin Product can be corrosive to the skin. Symptoms: redness, pain

Inhalation The product may cause irritation to the respiratory organs  
Symptoms: Coughing, shortness of breath, sore throat

Ingestion The product may cause irritation to the respiratory organs  
Symptoms: Coughing, shortness of breath, sore throat

Chronic toxicity With repeated and intensive skin contact chance on skin disorders

**SECTION 12: Ecological information**

Eco toxicity LC 50 Leuciscus idus 100-500 mg/l/96h

Mobility No data

Persistence and degradability Biodegradability is 90% CECD303A > cfm Couple Unit test

Other harmful data Do not let product come on the surface water undiluted.

**SECTION 13: Disposal considerations**

Waste Dispose waste and empty packaging in accordance with statutory requirements through an approved disposal.

Eural code for waste processing For this product a waste code number in accordance with the European waste catalogue cannot be granted, since only the intended user makes classification possible. The waste code number should be assigned in consultation with the local disposal.

Empty packaging Removal as waste according to local and national prescriptions

**SECTION 14: Transport information**

## 14.1 Classification as ADR material for road transport

UN-Nummer	None
Proper shipping name	Not restricted
ADR class	
Packing Group	
ADR label	
Hazards Identification	

## 14.2 Classification as ICAO/IATA material for air transport

UN-Nummer	None
Proper shipping name	Not restricted
IATA Class	
Packing Group	
ICA/IATA label	
Hazards Identification	

## 14.3 Classification as INDG material for sea transport

UN-Nummer	None
Proper shipping name	Not restricted
ADR class	
Packing Group	
ADR label	
Hazards Identification	
EmS: Marine pollutant	

**SECTION 15: Regulatory information**

## 15.1 WGK Class

1. in general not hazardous for water

## 15.2 Chemical Safety

No data.

## 15.3 regulatory lists searched: No additional information available

- 01=EU. Directive 76/769/EEC: Restrictions on the marketing and use of certain dangerous substances.  
 02=EU. Directive 90/394/EEC: Carcinogens at work.  
 03=EU. Directive 92/85/EEC: Pregnant or breastfeeding workers  
 04= EU. Directive 96/82/EC (Seveso II) : Article 9  
 05= EU. Directive 96/82/EC (Seveso II) : Articles 6 and 7  
 06= EU. Directive 98/24/EC : Chemical agents at work  
 07= EU. Directive 2004/37/EC : On the protection of workers.  
 08= EU. Regulation EC No. 689/2008 : Annex 1, Part 1.  
 09= EU. Regulation EC No. 689/2008 : Annex 1, Part 2.  
 10= EU. Regulation EC No. 689/2008 : Annex 1, Part 3.  
 11= EU. Regulation EC No. 850/2004 : Prohibiting and restricting persistent organic pollutants (POPs).  
 12= EU. REACH, Annex XVII: Restrictions on manufacture, placing on the market and use of certain dangerous Substances, mixture & article.  
 13= EU. REACH, Annex XIV: Candidate List of Substances of Very High Concern for Authorization (SVHC).

## SECTION 16: Other information

## 16.1 List of relevant R- and H- phrases from section 2 and 3

H319	Causes serious eye irritation
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## 16.2 Abbreviations used in this document:

Abk.	Beschreibung der verwendeten Abkürzungen
Nr.	Number
CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial chemical Substances
WGK	Water Danger Class
ADR	Accord europeen relative au transport international des marchandises
TLV	Treshold Limit Value
PTB	Persistent, toxisch, bioaccumulerend
CLP	Classification, Labeling and Packaging of chemicals
DGR	Dangereuses par Route

## 16.3 Information Sources:

This information is based on the current available data (producers of raw materials, Chemistry maps, ...  
 All information contained in this safety data sheet is to the best of our knowledge and in accordance with the latest knowledge and understanding. Our company cannot guarantee that the information in the safety data sheet is completely accurate and complete. The provision of this safety data sheet from liability to the user of this product may not be able to assess the safety, health and environmental advice for their particular situation and application. It is an obligation for the user to use this product with care and the applicable legal provisions. The information in the safety data sheet shall be held by us in good faith and to our best knowledge and belief. Explicit or implicit guarantee is not given.

Safety data sheet in accordance with Regulation (EU) nr. 453/2010 of the European Parliament and of the Council of 18 December 2006 on the assessment and authorization and restriction of chemicals (REACH)