

SAFTY DATA SHEET

according to Regulation (EC) No. 453/210



eOx[®]

eOx[®] Nonsol 6

Product-Code: 2925

Version 2016.1 Revision Date 13.10.2016

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

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

1.1 Product identifier

Produc-Code	2925
Product name	eOx [®] Nonsol 6
Trade names	eOx [®] Nonsol 6
Relevant identified uses	Concentrated cleaner for the cleaning of trucks
Relevant identified uses of the substance or mixture and dissuade use:	
Relevant identified uses	EOX [®] TRUCKCLEAN 350

1.2 Details of the supplier of the safety data sheet

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Wolfgang Müller	Fax:+49 (0)2261 910 9111
Dr.-Ottmar-Kohler-Str. 3	E-Mail: info@eox-deutschland.de
51643 Gummersbach	
GERMANY	www.eox-deutschland.de

1.3 Emergency telephone number

Germany:	
Information center against poisonings	
University Hospital Bonn	
	Tel.:+49 (0)228 19 240 and +49 (0)228 287-33211
Adenauerallee 119	Fax:+49 (0)228 287-33314
53113 Bonn	E-Mail: Gizbn@ukb.uni-bonn.de
	www.gizbonn.de

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 Skin 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)

H314

Causes severe skin burns and eye damage

H315

Causes skin irritation

H318

Causes serious eye damage

Precautionary statements (CLP)

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

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.

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:	
Sodium Hydroxide, Solution	< 0,5%	CAS Nr.	1310-73-2
		EINECS	215-185-5
		EG-annex-Nr.	011-002-00-6
		REACH Reg. Nr.	01-2119457892-27
		CLP-Klassifikation	Met. Corr. 1; Skin. Corr. 1A
		Symbol	GHS05
		H-Sätze	H290, H314
Detergent C9-11 ethoxylate	< 3%	CAS Nr.	160875-66-1
		EINECS	Polymer
		EG-annex-Nr.	*
		REACH Reg. Nr.	*
		CLP-Klassifikation	Eye. Dam. Cat 1
		Symbol	GHS05
H-Sätze	H318		

2-Aminoethanol	< 2%	CAS Nr.	141-43-5
		EINECS	205-483-3
		EG-annex-Nr.	*
		REACH Reg. Nr.	01-2119486455-28-XXXX
		CLP-Klassifikation	Acute Tox.4; Acute Tox.4; Skin Corr. 1B; AcuteTox.4; STOT SE3; Aquatic Chronic 3
		Symbol	GHS05-GHS07
		H-Sätze	H312;H302;H314;H332;H335;H412

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 ₂ , 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

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-AMINOETHANOL		1 ppm(Sk)	2.5 mg/m3(Sk)	3 ppm(Sk)	7.6 mg/m3(Sk)	

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

Liquid

Physical state

Colour

Yellow

Odour

characteristic.

Odour threshold

No data available

pH

Ca. 11,6 [Conc. (% w/w) 20 g/l 20°C

Melting point / freezing point

0°C

Initial boiling point and boiling range

100°C

Flash point

[Product does not sustain combustion.]

Evaporation rate

No data available

Upper/lower flammability or explosive limits

No data available

Flammability (solid, gas)

No data available

Vapour pressure

No data available

Relative density

+/- 1.001

Vapour density

No data available

Solubility(ies)

Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/water

No data available

Auto-ignition temperature

No data available

Viscosity, kinematic

No data available

Viscosity, dynamic

No data available

Explosive properties

No data available

Decomposition temperature

No data available

Oxidising properties

No data available

SECTION 10: Stability and reactivity

Stability	Stable
Conditions to avoid	Keep frost-free
Storage together with other substances	Keep separated from acids, oxidizing agent
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 1090 mg/kg (2-Aminoethanol)

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 irritating to the eyes. Symptoms: redness, pain, poor vision
Effect on the skin	Product can be irritating to the skin. Symptoms: redness, pain
Inhalation	The product may cause irritation to the respiratory organs Symptoms: Coughing, shortness of breath, sore throat
Ingestion	Symptoms: Burning pain in the mouth, throat, oesophagus and stomach. Abdominal cramps, vomiting, diarrhoea
Chronic toxicity	With repeated and intensive skin contact chance on skin disorders This product is not considered a carcinogen by NTP, IARC or OSHA

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
Bio accumulative potential	No data
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

H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects

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)