





## MATERIAL SAFETY DATA SHEET

- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor.
- Ingestion : Do not induce vomiting. Rinse the mouth, drink 1 glass of water at most. Do not give milk. Never give anything by mouth to an unconscious person. Consult a doctor immediately.

### 5 FIRE FIGHTING MEASURES

- Extinguishing media
- Suitable : CO2, foam, water fog or dry chemical.
  - Not suitable : None known
- Special exposure hazards : None known
- Hazardous thermal (de)composition products : Carbon monoxide may be evolved if incomplete combustion occurs.
- Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. See also section 8.
- Environmental precautions : Avoid release of product into sewers, surface water and/or ground water.
- Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

### 7 HANDLING AND STORAGE \*

- Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with eyes and skin. Do not inhale vapours.
- Storage : Keep frost-free, in a cool (< 35°), dry and well-ventilated place.
- Recommended packaging : Keep only in the original container.
- Use : Use only as directed.

### 8 EXPOSURE CONTROL/PERSONAL PROTECTION

- Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
- Hygienic measures : Do not eat, drink or smoke during use.
- Occupational exposure limits : Occupational exposure limits have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name		EC	UK		
(2-Methoxymethylethoxy)propanol	TWA 8 hour	308	308		
	STEL 15 min	-	-		

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

- Body protection : Not required under normal conditions of use. See also under additional information.
- Respiratory protection : Take care of sufficient ventilation. Wear a gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140, in case of large scale exposure
- Hand protection : Not required under normal conditions of use. See also under additional information.
- Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact.



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### Additional information:

- Protective clothing : In case of large scale exposure wear neoprene protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345.  
Safety gloves : Wear neoprene gloves in case of frequent or prolonged use and in case of large scale exposure. Indication of permeation breakthrough time: not known

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid  
Colour : Colourless, clear  
Odour : Characteristic  
pH : 12.8  
Solubility in water : Soluble  
in fat : Not known  
Partition coefficient : Not applicable  
(n-octanol/water)  
Flash point : Not applicable (PMcc)  
Auto ignition temperature : Not applicable  
Boiling point/ boiling range :  $\pm 100^{\circ}\text{C}$   
Melting point/ melting range :  $\pm 0^{\circ}\text{C}$   
Explosive properties : Not applicable  
Oxidizing properties : Not applicable  
Decomposition temperature : Not applicable  
Viscosity (25°C) : Not known  
Vapour pressure (20°C) : Not known  
Relative density (20°C) :  $\pm 1.0 \text{ kg/l}$   
Evaporation rate :  $< 1$  (n-butyl acetate = 1)

### 10 STABILITY AND REACTIVITY

- Stability : Stable under normal conditions.  
Conditions to avoid : See section 7.  
Materials to avoid : Keep away from oxidizing substances.  
Hazardous decomposition products : None known.

### 11 TOXICOLOGICAL INFORMATION \*

No toxicological research has been carried out on this product.

- Inhalation : Irritation of respiratory airways possible when vapour concentrations exceed threshold limits.  
Skin contact : Irritating to skin. Prolonged contact may dry out and degrease the skin.  
Eye contact : Irritating to eyes.  
Ingestion : Ingestion may cause vomiting, nausea and diarrhoea.

#### Toxicological information:

Chemical name	Toxicity (mg/kg)	Irritation	Sensitization
Tetrasodium ethylenediaminetetra acetate	LD <sub>50</sub> : 1000 (rat, oral)	Irritant (eyes)	Not sensitising (guinea pig)

### 12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.

Ecotoxicity : No ecotoxicological information available.  
 Mobility : Spilled product can penetrate into the ground and get into the surface water and ground water.  
 Persistence – degradability : Data on the biodegradation of this product are not available. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.  
 Bio accumulative potential : No specific information known.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Product residues : Do not dispose empty pack with regular household waste. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.  
 Comment : Attention is drawn to the possible existence of mandatory and regulatory communal, national or local requirements governing disposal of waste.

<b>14</b>	<b>TRANSPORT</b>
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UN number : None  
 Transport name : Not regulated.  
 Land - Road/Railway ADR/RID class : This product is not classified according to ADR/RID.  
 Water IMDG class : This product is not classified according to IMDG.  
 Marine pollutant : No  
 Air IATA class : This product is not classified according to IATA.

<b>15</b>	<b>REGULATORY INFORMATION</b>	<b>*</b>
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Community regulations : EC classification (67/548/EEC - 99/45/EC) and other regulations

Hazard symbols : Xi, irritant



R- and S-phrases : R36/38 Irritating to eyes and skin.  
 : S2 Keep out of reach of children.  
 : S46 If swallowed, seek medical advice immediately and show this container or label.

Other information : Not applicable.

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (w/w) (%)
EDTA and salts thereof	< 5
Nonionic surfactants	< 5
Parfums, limonene	

<b>16</b>	<b>OTHER INFORMATION</b>
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The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC dated 27 July 2001 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this



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product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

Full text of R-phrases mentioned in section 2:

R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R41 Risk of serious damage to eyes.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### **History**

Date of first issue : 26-09-2005

Date of second issue : 04-04-2006

Herewith all previous issues are expired.