

# MATERIAL SAFETY DATA SHEET

254 05/10/2500

## Degrease IT



### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **DEGREASE IT**  
 Company Name: Polycote UK  
 Centre Point • Wolseley Road  
 Woburn Road Industrial Estate  
 Kempston • Beds MK42 7EF  
 Telephone Number: 01234 846400

### SECTION 2: HAZARDS IDENTIFICATION

Classification – 1999/45/EC  
 Xi; R36/38

Symbols: Xi: Irritant  
 Main hazards: Irritating to eyes and skin.

### SECTION 2: HAZARDS IDENTIFICATION

Classification under CLP: Skin Corr. 1A: H314.  
 Main hazards: Irritating to eyes and skin.  
 Signal words: Danger



Hazard statements: Skin Corr. 1A: H314 – Causes severe skin burns and eye damage.

#### Precautionary Statements

Prevention: P102 - Keep out of reach of children.  
 P260 – Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264 – Wash thoroughly after handling.  
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary Statements

Response: P301+P312 – IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
 P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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.  
 P363 – Wash contaminated clothing before reuse.

#### Precautionary Statements

Storage: P405 – Store locked up.

#### Precautionary Statements

Disposal: P501 – Dispose of contents/container to requirements of local authorities requirements.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	EC No	Classification	Conc. (%w/w)
WATER				80 - 90%
Trisodium Nitrilotriacetate	5064-31-3	225-768-6	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319	0.5 - 1%
SODIUM XYLENE SULPHONATE	1300-72-7	–	Eye Irrit. 2: H319	0 - 0.5%

Chemical Name	CAS No	EC No	Classification	Conc. (%w/w)
2 BUTOXY ETHANOL (2-Butoxyethanol)	111-76-2	203-905-0	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332	1 - 10%
SODIUM METASILICATE PENTA HYDRATE	6834-92-0	229-92-9	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H335	1 - 10%
Sodium hydroxide	1310-73-2	215-185-5	Skin Corr. 1A: H314	1 - 10%
TETRA POTASSIUM PYROPHOSPHATE	7320-34-5	230-785-7	Eye Irrit. 2: H319	0.5 - 1%
ALCOHOL ETHOXYLATE	68439-45-2	–	Acute Tox. 4: H302; Eye Dam. 1: H318;	0.5 - 1%

### SECTION 4: FIRST AID MEASURES

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. May cause irritation to respiratory system.

Eye contact: Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact: Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO<sub>2</sub>).

Fire hazards: Burning produces irritating, toxic and obnoxious fumes.

Protective equipment: Wear suitable respiratory equipment when necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable protective equipment.

Environmental precautions: Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Storage: Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

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**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure limits:**

2 BUTOXY ETHANOL (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m <sup>3</sup> : 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m <sup>3</sup> : 101.2
Sodium hydroxide	WEL 8-hr limit ppm: –	WEL 8-hr limit mg/m <sup>3</sup> : –
	WEL 15 min limit ppm: –	WEL 15 min limit mg/m <sup>3</sup> : 2

Individual protection:	Wear chemical protective clothing.
Eye/face protection:	Approved safety goggles.
Skin/hand protection:	Chemical resistant gloves (PVC).
Respiratory protection:	Not normally required.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Description:	Liquid.
Colour:	Clear.
Odour:	Characteristic.
pH:	13.5
Boiling point:	100°C
Relative density:	1.05 NOMINAL
Water solubility:	Slightly soluble in water.

**SECTION 10: STABILITY AND REACTIVITY**

Stability:	Stable under normal conditions.
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**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute toxicity:	May cause irritation to mucous membranes.
Corrosivity:	Irritating to eyes and skin. May cause severe irritation to eyes and skin.

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity:	No data is available on this product.
Degradability:	More than 90% biodegradable. DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable, however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information:	Dispose of in compliance with all local and national regulations.
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**SECTION 14: TRANSPORT INFORMATION**

Further information:	The product is not classified as dangerous for carriage.
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**SECTION 15: REGULATORY INFORMATION**

Chemical safety assessment:	No chemical safety assessment has been carried out by the supplier.
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**SECTION 16: OTHER INFORMATION**

## Text of hazard statements

in Section 3:	Acute Tox. 4: H302 – Harmful if swallowed.
	Eye Irrit. 2: H319 – Causes serious eye irritation.
	Carc. 2: H351 – Suspected of causing cancer.
	Acute Tox. 4: H302+H312+H332 – Harmful if swallowed, in contact with skin or if inhaled
	Skin Irrit. 2: H315 – Causes skin irritation.
	Met. Corr. 1: H290 – May be corrosive to metals.
	Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.
	Eye Dam. 1: H318 – Causes serious eye damage.
	STOT SE 3: H335 – May cause respiratory irritation.
	Skin Corr. 1A: H314 – Causes severe skin burns and eye damage.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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