

MATERIAL SAFETY DATA SHEET

260 0500

HD Cleaner



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

Product Name: **HD CLEANER**
 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 under CLP:

Skin Corr. 1A: H314

Most important adverse effects:

Irritating to eyes and skin.

Hazard pictograms:

Signal word: **Danger**

Hazard statements: H314: Causes severe burns and eye damage.

Precautionary statements:

P102: Keep out of reach of children.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

Name	Index No.	CAS	EC No.	Conc. (% w/w)	Classification
WATER				80 - 90%	
Trisodium Nitritotriacetate					
-		5064-31-3	225-768-6	0.5 - 1%	
SODIUM XYLENE SULPHONATE					
-		1300-72-7	-	0 - 0.5%	
2 BUTOXY ETHANOL (2-Butoxyethanol)					
-		111-76-2	203-905-0	1 - 10%	
SODIUM METASILICATE PENTA HYDRATE					
-		6834-92-0	229-92-9	1 - 10%	
Sodium hydroxide					
011-002-00-6	1310-73-2	215-185-5	1 - 10%	C; R35	
TETRA POTASSIUM PYROPHOSPHATE					
-		7320-34-5	230-785-7	0.5 - 1%	Xi; R36
ALCOHOL ETHOXYLATE					
-		68439-45-2	-	0.5 - 1%	Xn; R22 Xi; R41

SECTION 4: FIRST AID MEASURES

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

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 (CO₂).

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.

Methods for cleaning up: 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

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

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

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Sodium hydroxide WEL 8-hr limit ppm: – WEL 8-hr limit mg/m³: -
 WEL 15 min limit ppm: – WEL 15 min limit mg/m³: 2

2 BUTOXY ETHANOL
 (2-Butoxyethanol) WEL 8-hr limit ppm: 25 WEL 8-hr limit mg/m³: –
 WEL 15 min limit ppm: 50 WEL 15 min limit mg/m³: –

Appropriate engineering controls:

Not normally required.

Protective equipment: 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.

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.

Polycote HD Cleaner Cont.**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity: 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.

SECTION 14: TRANSPORT INFORMATION

Further information: The product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION

Labelling: The product is classified in accordance with 67/548/EEC.

SECTION 16: OTHER INFORMATION

Hazard statements
 in Section 2: 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.

Date of Issue: June 2017

Polycote UK

Centre Point • Wolsley Road • Woburn Road Industrial Estate
 Kempston • Beds • MK42 7EF
 Technical Helpline: 01234 846400