

HEALTH & SAFETY DATA SHEET

Identification of the Substance / Preparation and Company

1 **Product Name:** **STRONGARM** **Product Code:** **STARM**

Supplier: **VAB Chemicals**
Unit 1
Amicable Street
Burslem
Stoke on Trent
ST6 3BJ

Tel / Fax : 01782 826300

1.4 Product Description : Heavy duty industrial maintenance cleaner concentrate

2 COMPOSITION / INFORMATION AND INGREDIENTS

An alkaline product containing a blend of strong surfactants for heavy duty cleaning

Hazardous Ingredients:	CAS No:	%w.w.(Range):	Nature of Hazard:
Sodium hydroxide	1310-73-2	2.5 – 5.0	Causes damage to eyes, skin and Clothes. Occupational Exposure Standard (O.E.S) set (see below) MAXIMUM EXPOSURE LIMIT (M.E.I) set (see below)
2-butoxyethanol	111-76-2	5 - 10	
O.E.S sodium hydroxide	L.T.E.L 8 hours 2 mg m^{-3} S.T.E.L 10 minutes – 2 mg m^{-3}		
M.E.L 2-butoxyethanol	L.T.E.L 8 hours - 25ppm S.T.E.L 10 minutes - not set Can be absorbed through skin		

3 HAZARD IDENTIFICATION

C.P.L Risk Phrases: 36/38: Irritating to eyes and skin

4 FIRST AID MEASURES

Eyes: Rinse immediately with large quantities of clean water for at least 15 minutes. Seek medical attention.
Skin: Remove contaminated clothing, wash affected area with soap and water
Ingestion: Rinse mouth out with water then drink milk or water and seek immediate medical Advice

5 FIRE FIGHTING MEASURES

Product is non flammable however irritating fumes may be given off in the event of a fire. Treat fires with dry chemical, foam or water spray.

6 ACCIDENTAL RELEASE MEASURES

Small spillages can be rinsed away to drain
Large spillages need to be contained and advice sought from local water authority

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HANDLING AND STORAGE

- 7.1 Store away from Children
- 7.2 Use only according to directions
- 7.3 Do not mix with other chemicals
- 7.4 Always ensure cap is replaced and tightened after use
- 7.5 Do not store in temperatures greater than 35°C or less than 0°C.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Rubber gloves are recommended if skin contact is likely

9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance : clear liquid
- 9.2 Odour : slightly glycol ether odour
- 9.3 PH : 13.5
- 9.4 Density (@20°C) : 1.085kg/litre
- 9.5 Flashpoint :
- 9.6 Solubility in water : fully soluble

10 STABILITY AND REACTIVITY

11 TOXICOLOGICAL INFORMATION

Effects due to overexposure when:

- In contact with eyes : Severe pain, redness, watering, may cause permanent damage
- In contact with skin : Degreases skin, may lead to redness and cracking, irritation will be felt on sensitive skin. Prolonged contact causes damage, can be absorbed through skin
- Ingested : Sore mouth and throat abdominal pain
- Inhaled : Irritation, sore throat, coughing, shortness of breath (only applies if product is being sprayed into air e.g. pressure washing)

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Dispose of according to local authorities

14 TRANSPORT INFORMATION

No information

15 REGULATORY INFORMATION

16 OTHER INFORMATION

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.

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