

HEALTH & SAFETY DATA SHEET

Identification of the Substance / Preparation and Company

Product name: White Magic

Supplier: VAB CHEM
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 aqueous alkaline blend containing non-ionic, anionic and amphoteric surfactants, sequesterants and alkaline builders.

<u>Hazardous Ingredients:</u>	<u>CAS No:</u>	<u>%w.w.(Range):</u>	<u>Nature of Hazard:</u>
Sodium hydroxide	1310-73-2	0.5 - 2.0	CORROSIVE. (R35). Causes severe burns. Occupational Exposure Standard (O.E.S.) set. Refer to Section 8 for Exposure Levels.
Trisodium Nitrilo Triacetate	5064-31-3	1.0 - 5.0	IRRITANT. (R36). Irritating to eyes.
Sodium Silicate	1344-09-8	1.0 - 5.0	IRRITANT. (R38, R41). Irritating to skin. Risk of serious damage to eyes.
Non-ionic surfactant	-	5.0 - 10.0	HARMFUL. (R22, R36/38). Harmful if swallowed. Irritating to eyes and skin.
Anionic surfactant	-	1.0 - 5.0	IRRITANT. (R36). Irritating to eyes.

3. HAZARD IDENTIFICATION.

Product is classed as Irritant under Chemicals (Hazard Information and Packaging) Regulations 1994.

Risk Phrases: 38: Irritating to skin.

41: Risk of serious damage to eyes.

Use commonsense precautions when handling this product.

4. FIRST AID MEASURES.

Eyes: Rinse immediately with large quantities of clean water, holding eye open. Seek medical attention.

Skin: Remove contaminated clothing, and wash before use. Wash affected area well with soap and water. If irritation persists seek medical attention.

Ingestion: DO NOT INDUCE VOMITING. Give small sips of milk or water to drink and seek medical attention.

Inhalation: Move patient to fresh air, away from exposure.

5. FIRE FIGHTING MEASURES.

Product is not flammable, however irritating fumes may be given off in the event of a fire. Treat fires with either dry chemical foam or waterspray - do not waterjet.

6. ACCIDENTAL RELEASE MEASURES.

Spillages need to be contained to prevent entering watercourse, however small spillages can be rinsed away - use plenty of water.

Absorb spillage in inert material e.g. dry sand/earth and transfer into secure plastic container(s) for disposal.

7. HANDLING AND STORAGE.

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35C or less than 0C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

1. Prevent contact with eyes by wearing safety glasses if necessary and wear protective rubber gloves when handling this product.
2. Always maintain a good standard of occupational hygiene when handling chemicals.

Exposure levels according to EH40 list issued by HSE:

Occupational Exposure Standard: Sodium hydroxide L.T.E.L. 8 hours - Not set.
S.T.E.L. 15 minutes - 2mg/cubic metre

9. PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Appearance : Clear liquid.
9.2 Odour : None.
9.3 pH : 13.5
9.4 Density (@20C) : 1.077kg/litre.
9.5 Flash Point : Not applicable.
9.6 Solubility in Water : Soluble.

10. STABILITY AND REACTIVITY.

Product is stable under normal conditions. Alkaline products may react with light metals (such as aluminium, tin or zinc) with the evolution of hydrogen which is highly flammable.

11. TOXICOLOGICAL INFORMATION.

No significant health hazard when properly used for the application it was designed for.

Effects due to overexposure when:

In contact with eyes: Severe pain, redness, watering. May cause permanent damage.

In contact with skin: Irritation/pain (also gives soapy feeling to skin). Degreases skin - may lead to redness/cracking. Prolonged contact causes damage.

Ingested: Sore mouth/throat, abdominal pain, vomiting.

Inhaled: Sore mouth/throat (only applicable whilst product is being sprayed).

12. ECOLOGICAL INFORMATION.

Product is biodegradable.

13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

14. TRANSPORT INFORMATION.

Proper Shipping Name: CORROSIVE LIQUID, NOS (Contains Sodium hydroxide and Sodium metasilicate).

U.N. No. : 1824 I.M.D.G. Page No. : 8215

Hazard Class : 8 Trem Card No. : 6

Packing Group : II

15. REGULATORY INFORMATION.

Product is classed as IRRITANT under CHIP Regulations.

Risk Phrases:

38 : Irritating to skin.

41 : Risk of serious damage to eyes.

Safety Phrases:

2 : Keep out of reach of children.

23 : Do not breathe spray.

24/25 : Avoid contact with eyes and skin.

26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

46 : If swallowed seek medical advice immediately and show this container or label.

16. OTHER INFORMATION.

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