

MATERIAL SAFETY DATA SHEET

This product is classified as a Hazardous Substance according to criteria of NOHSC Australia
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Rail and Air

1. IDENTIFICATION OF THE MATERIAL

Product Name: Alkaline Degreaser Paste
Other Names: Screen Degreaser Paste
Product Code: JdS Bk3, 18A
Supplier: GSB Chemical Co. Pty. Ltd
ACN 004 355113
84 Camp Road
Broadmeadows Vic. 3047

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Major Uses and Methods of Application: Screen de-staining paste for screen printing.

2. COMPOSITION

	CAS No.	PROPORTION
Sodium hydroxide	1310-73-2	10 - 30 % w/w
Surfactants and thickeners		10 - 30 % w/w
Water	7732 - 18 - 5	10 - 30 % w/w
Tri sodium phosphate	7601-54-9	1 - 10 % w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: Corrosive
Causes severe burns

Poisons Schedule: S6

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: SEEK URGENT MEDICAL ATTENTION. Do NOT induce vomiting. Give glass of water and contact doctor

Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.

Skin: Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard

Inhalation: If symptoms of overexposure are evident remove to fresh air. If unconscious check pulse and breathing and commence CPR if necessary. Seek medical attention.

Advice to Doctor: Treat symptomatically; gastric lavage should only be undertaken after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Specific Hazards: Use full body protective clothing and breathing apparatus. Use dry chemical, foam, CO₂ or water spray (fog).

6. ACCIDENTAL RELEASE MEASURES

Increase ventilation. Evacuate all unnecessary personnel. Use self-contained breathing apparatus (S.C.B.A) and full protective clothing to minimise exposure. Place inert absorbent (vermiculite, sand, etc.) on to material and collect with tools into a suitable labelled container for safe disposal.

Dispose absorbed and unrecoverable material to an approved site. Consult local authority

7. HANDLING AND STORAGE

Handling: Dangerous goods class 8 Corrosive. Wear protective clothing / apron, hand and eye protection when handling product

Storage: Ensure containers are kept closed when not in use. Store away from heat. Do not stow with foodstuffs. Incompatible with and should be stored away from acids, oxidising agents, aluminium, tin, zinc, die-cast metals

8. EXPOSURE AND PERSONAL PROTECTION

Not established, for the mixture.

Worksafe Australia Exposure Standard [N0HSC:1003(1995)]: for Individual components TWA: - 2 mg/m³ (peak) Sodium Hydroxide

Peak - means a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes

Personal Protection:

Eye protection: Safety glasses, goggles or face shield as required

Hand Protection: PVC, neoprene or nitrile rubber gloves

Footwear: Rubber boots

Respiratory Protection: If airborne concentrations are likely to exceed the Exposure Standard, wear approved organic vapour respiratory protection (AS/NZS 1715 and 1716). In high vapour concentrations, wear an air-supplied hood.

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate,

Engineering Controls: General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick tan paste, low odour

Boiling Range: 100°C

Specific Gravity: 1.13 @20°C

Flash Point ASTM D 93: not flammable

pH: 13

Solubility in water: soluble

Volatiles by volume: > 38%

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: No adverse health effects expected if product is handled in accordance with this MSDS and label

Swallowed: Toxic and corrosive to mouth, throat and digestive tract.

Eye: Corrosive. May cause severe burns and permanent damage.
May cause blindness

Skin: Corrosive. May cause burns

Inhalation: Breathing in mists may produce respiratory irritation

12. ECOLOGICAL INFORMATION

Keep out of sewers, storm drains, surface waters and soil

13. DISPOSAL

Spilled liquid may make floors and surfaces slippery.
Shut off all sources of ignition, contain spill and recover spilled for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.).
Dispose absorbed and unrecoverable material to an approved site.
Consult local authority.

14. TRANSPORT INFORMATION

U.N. Number:	1760	Hazchem Code:	2R
D. G Class:	8 Corrosive	Packaging Group:	III
Poison Schedule:	6		

Dangerous goods class 8, Store and Transport in accordance with the appropriate dangerous goods regulations.

15. REGULATORY INFORMATION

Risk Phrase: R35 Causes severe burns

Safety Phrase: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 37/39 Wear suitable gloves and eye/face protection
S 45 In case of accident or if you feel unwell, seek medical advice immediately and show this container or label

Hazard Category: C Corrosive

16. OTHER INFORMATION

Contact: Technical Manager
Telephone (03) 94571125

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