

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: INDUSTRIAL HAND SOAP

1. Product and Company identification	
Product Name	INDUSTRIAL HAND SOAP
Product Description	Hand Soap with Moisturiser for All Purpose Cleaning
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

2. Composition/ Information on ingredients	
Chemical Nature	Alkaline Liquid Detergent
Components contributing to the hazard	Alkaline
Chemical or generic name of components	N/A
Concentration range	Low
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	Irritant
Major hazard	Very mild Irritant in concentrate
UN/ CAS	N/A
R-Phrases	R36

3. Hazard identification (Summary of most important hazards)	
Hazard category	XI Irritant (Mild)
Adverse human health affects	Slightly Irritating to tissues
Environmental effects	None known
Physical hazard	Handle open container with care. At concentrations recommended for cleaning no significant effects occur

4. First Aid Measures	
Action to be avoided	Do not induce vomiting
Inhalation	Remove patient from exposure
Skin contact	Wash with large quantities of water
Eye contact	Keep eyes open and flush with clean water for at least 15 min.
Ingestion	Wash out mouth with water and give 200-300ml of water to drink.
Note to physician	May cause sensitisation of the skin. Treat symptomatically as for general detergent

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5. <u>Fire fighting measures</u>	
Extinguishing media	Non flammable
Inappropriate distinguishing media	Not applicable
Specific hazards	None
Special equipment for protection	None required

6. <u>Accidental release measures</u>	
Personal precautions	Avoid eye, skin contact Do not ingest
Environmental precautions	None
Methods for cleaning up recovery	Neutralise, Flush with water
Neutralisation and disposal of spillage	Neutralise with a weak acid

7. <u>Handling and storage</u>	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not ingest, avoid eye and skin contact Ensure container is properly closed and not leaking
Storage	Keep container tightly closed in a dry secure area. Store away from food stuff. Check containers regularly for leakage and possible distension. Material must be stored in accordance with local rules and legislation

8. <u>Exposure controls/ Personal protection</u>	
<u>Control Parameters</u>	
Limit values	To be monitored at the work place
Biological standards	Refer to UN and R-Phrase numbers
Monitoring procedures	Keep container closed when not in use
Personal protective equipment	Refer to the S-Phrase data
Protective clothing	Wear PVC gloves, goggles and apron in abnormal conditions
Personal hygiene measures	Wash contaminated clothing before storage and re-use

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9. Physical and chemical properties	
Form	Clear Viscous Liquid
Colour	Light Brown
Odour	Mild
PH Value	Mild Alkaline
Boiling point	Not ascertained
Flash point	Not ascertained
Vapour pressure	Not ascertained
Vapour density	Not ascertained
Density	Not ascertained
Solubility	Soluble in water
Viscosity at 20°C	Not ascertained
Specific gravity at 20°C	Not ascertained
% Volatile by volume	Not ascertained

10. Stability and reactivity	
Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	Avoid food stuff, and acids
Hazardous decomposition	No decomposition if stored and used in accordance with provisions for use

11. Toxicological information	
LD 50test on animals available on certain raw materials in product	
Acute Toxicity	None known
Local effects	None known
Sensitisation	May cause irritation of the eyes and skin
Chronic toxicity	None known
Long term toxicity	None

12. Ecological information	
Possible environmental effects	No known adverse effects
Behaviour and fate	Avoid large product spillage from entering waterways
Persistence/ Biodegradability	Not known

13. Disposal considerations	
Disposal of chemical product	According to the local rules and legislation
Disposal of contaminated packaging	Recommended cleaning agent - water

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14. Transport regulations	
Packaging group	Product is not classified as hazardous, safe for any mode of transport

15. Regulatory information	
National legislation	Refer to the below Risk and Safety phrase Data
Hazard and safety information	Take usual good care
EEC hazard classification Risk phrases	R36 – Irritating to the eyes
EEC hazard classification Safety phrases	S7 – Keep container tightly closed
	S13 – Keep away from food, drink and animal feeding stuffs
	S18 – Open and handle container with care
	S24 – Avoid contact with skin
	S25 – Avoid contact with eyes
	S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice
	S27 – Remove contaminated clothing
	S28 – After contact with skin, rinse with plenty of water

16. Additional information (e.g. special training or restrictions on the products use)
Refer to product data sheet
This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.