

MATERIAL SAFETY DATA SHEET

I Product Identification

Product Name : Alkaline Degreaser
Reference No : Norchem Xcell 84

II Composition/Information on Ingredients

Ingredient	CAS No	Percent	Classification
Potassium Hydroxide	1310-58-3	3-18 %	C35
Sodium Silicate		0-10 %	C34
Ethylene Glycol Monobutyl Ether	111-76-2	0-5 %	Xn,20/21/22/22-37 RTECS: NIOSH/KJ8575000

III Hazards Identification

Most important hazards: This is less likely to cause long term injury.
Specific hazards: Avoid strong acids and alkalis

IV First Aid Measures

Inhalation No vapor is produced when product is used.

Ingestion Do not induce vomiting; give one slice of powdered, burnt toast (charcoal) and four table spoon of milk of magnesia in a cup of strong tea.

Skin Contact Remove any contaminated clothing and flush area with water until irritation subsides.

Eye Contact Flush with copious amount of water for at least 15 mins or until irritation subsides.

V Fire Fighting Measures

Fire Extinguishing Media Water

Special Information Required special protective equipment for fire-fighters: Fire-fighters should observe all precautions that apply to any fire where chemicals are stored.

VI Accidental Release Measures

Adequate ventilation. Chemical resistant gloves if needed to avoid repeated or prolonged skin contact.

VII Handling and Storage

Handling	Use gloves and goggles
Storage	Keep container closed when not in use.

VIII Exposure Controls/Personal Protection

Skin Protection	Gloves
Eye Protection	Goggles
Hygiene measures	Wash hands and face with water after completion of work.

IX Physical and Chemical Properties

Appearance	Clear Liquid
Odour	Soapy
Density	1.104
Boiling Point	100°C
Melting Point	N.A
Solubility	Soluble
pH	13.5 ± 0.5

X Stability and Reactivity

Incompatibilities	Keep away from acids and oxidizing compounds.
Conditions to avoid	Handle liquid with care and avoid spillages.

XI Toxicological Information

No Acute Toxicity

XII Ecological Information

Mobility	Dissolve in water
Breakdown	Biodegradable
Accumulation	Does not bioaccumulation
Ecotoxicity	Probable low level

XIII Disposal Considerations

Spill or Leak Procedures	Steps to be taken in case: Flush contaminated areas with water or contain spilled material is released with sand or earth. Use absorbents to absorb materials.
Waste Disposal	Ensure conformity to local or federal regulation.

XIV Transport Information

Label For Transportation : **COROSSIVE**

General	Class Number:8(Corrosive substance)
Road Transport Un No.	(ADR): 80Corrosive or slightly corrosive substance.
Proper Shipping Name	Corrosive Liquid, Basic, Inorganic, Nos(Potassium Hydroxide)
Packing Group	III

XV Regulatory Information

Risk Phrases	Risk of serious damage to eyes
Safety Phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

XVI Other Information

- R- 35** Causes severe burns.
- R-37** Irritating to respiratory system.
- R-36/38** Irritating to eyes
- S-26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S-24/25** Avoid contact with skin and eyes.
- S-36/37/39** Wear suitable protective clothing, gloves and eye/face protection.
- S-45** In case of accident or if you feel unwell, seek medical advice immediately (show the container or label where possible).

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