

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company: Mackay Cleaning Supplies

Address: Unit 1 Concept Place, 25 Transport Avenue, Paget, Mackay, QLD, 4740

Phone: 07 4952 2833 Fax:07 4952 6373

Emergency Telephone Number: Poisons Information Centre 131126 or company 07 4952 2833

Product Name: FORCE DEGREASER

Other Names: None

Manufacturer's Product Code: forc

Recommended Use: Liquid Detergent

HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
DANGEROUS ACCORDING TO THE CRITERIA OF THE ADG CODE FOR TRANSPORT.**

Risk Phrases: R 35.

Safety Phrases: S2-26-37/39-45

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Entity CAS Number Proportion (%)

Sodium Hydroxide	1310-73-2 <10
Sodium Metasilicate, Pentahydrate	10213-79-3 < 10
Sodium tripolyphosphate	7758-29-4 < 10
Sodium alkylbenzene sulphonate	68081-81-2 < 10
2-butoxyethanol	111-76-2 < 10
Ingredients determined not to be hazardous	to 100

FIRST AID MEASURES

FIRST AID TREATMENT

Swallowed: If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

Inhaled: Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

First Aid facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically.

Additional Information: None available.

FIRE FIGHTING MEASURES

Fire/Explosion Hazard: This product is not combustible. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Spills may be slippery. Remove non-essential personnel from the area. Ensure that any products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways.

Collect with inert absorbent material such as sand or earth. Consult local authority on disposal.

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HANDLING AND STORAGE

Precautions for Safe Handling and Storage: Not classified Dangerous Goods for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Dispensing: Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

Flammability: Non-combustible material.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: There are no exposure standards available for this product. However, Worksafe Australia has set an exposure standard of 2 mg/m³ for Sodium Hydroxide. The manufacturer of 2-butoxyethanol has recommended an exposure standard of 25 ppm with peak limitation for this component.

Personal Protective Equipment: Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: chemically impervious gloves, safety glasses, overalls, waterproof apron and rubber boots. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

IDENTIFICATION**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance Pink liquid

Odour Mild solvent odour

Boiling Point (°C): Approximately 100

Vapour Pressure (mmHg @ 20°C): Not measured

Specific Gravity (g/ml @ 25°C): 1.00 – 1.10

Flashpoint (°C): None

Flammability Limits (%): Non flammable

Solubility in Water Miscible with water

pH: > 12

STABILITY AND REACTIVITY

Reactivity Hazards: Do not store near high heat sources. Will react violently with acids, generating heat.

TOXICOLOGICAL INFORMATION**HEALTH EFFECTS**

Acute:

Swallowed: Will cause severe irritation and possible chemical burns to the mouth and digestive tract.

Eye: May cause severe irritation and reddening and possible permanent damage.

Skin: May cause irritation and possible chemical burns to the skin.

Inhaled: Inhalation of fine mists will cause severe irritation and possible chemical burns to the respiratory tract and nasal passages.

Chronic: Repeated or prolonged exposure to 2-butoxyethanol can result in blood changes, liver and kidney disorders. There is evidence that experimental animals are more sensitive to these effects than humans.

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ECOLOGICAL INFORMATION

Ecotoxicity: Concentrated product harmful to aquatic organisms, Ensure concentrated product is well diluted with water before disposal as per Local Authority regulations.

DISPOSAL CONSIDERATIONS

Disposal Methods: Dilute well with water. Ensure waste disposal conforms to local waste disposal regulations.

TRANSPORT INFORMATION

UN Number: 1760 Proper Shipping Name: Corrosive Liquid N.O.S (Alkaline)

Class: 8 Subsidiary Risk: None allocated

Packing Group: II Hazchem Code: 2X

REGULATORY INFORMATION

Poisons Schedule: 6 Hazardous substances

R 35 Causes severe burns

S 2 Keep Out of Reach of Children

S 26 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 [show the label whenever possible]

OTHER INFORMATION

Further Information may be obtained by contacting the company on 07 49522833

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.