

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 49522833 Fax:07 49526373
Emergency Telephone Numbers: Poisons Information Centre 131126 or company 07 49522833

Product Name: Linen Pre Wash

Other Names: None
Manufacturer's Product Code: nil
Recommended Use: Laundry stain remover

HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
NOT CLASSIFIED DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE
FOR TRANSPORT.**

Risk Phrases: *R 36*

Safety Phrases: *S 2*

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Isopropyl Alcohol	67 – 63 – 0	<10%
Butyl Iconol	9036-19-5	<5%
Alkaline Salts	N/A	<5%
Surfactant Mix	Proprietary	<5%
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 and seek medical advice.

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

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 from exposure. If aspirated into the lungs, obtain immediate medical attention.

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.

Additional Information: May support combustion under certain conditions.

ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labeled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

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HANDLING AND STORAGE

Precautions for Safe Handling and Storage: Store in cool place in original container. Store away from oxidizing agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents

Store in cool place in original container. Store away from oxidizing agents, acids and foodstuffs. Keep containers closed when not in use. **Store out of reach of children.** Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

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

Flammability: may support combustion in some cases.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: There are no exposure standards available for this product. Worksafe Australia has set an exposure standard of 25 ppm 121 mgm/m³ for ethylene glycol monobutyl ether.

Personal Protective Equipment: Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment must 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	Red/Amber liquid
Odour	Characteristic Odour
Boiling Point (°C):	100
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	0.97 – 0.99
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Soluble in water
pH:	12.0

STABILITY AND REACTIVITY

Reactivity Hazards: Store in a cool dry place.

TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed: Harmful if swallowed. May burn throat and gastrointestinal tract. May Cause gastric upset.

Eye: Moderate irritant. If contact is prolonged, may cause tissue injury. Vapour can also irritate the eyes.

Skin: Moderately irritating. Prolonged contact with concentrated product may cause dermatitis.

Inhaled: Vapour is irritant to mucous membranes and respiratory tract.

Chronic: Evidence from animal tests with 2-butoxy ethanol indicate that repeated or prolonged exposure to this chemical could result in liver, kidney, blood and central nervous system disorders.

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

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

Inhaled: Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.

Advice To Doctor: Product contains <10% mixed detergents, <10% 2-butoxy ethanol and <10% alkaline salts in aqueous solution. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

ECOLOGICAL INFORMATION

Ecotoxicity: Concentrated product may harm environment. Dilute well with water, before disposal as per Local Authority regulations.

DISPOSAL CONSIDERATIONS

Disposal Methods: In accordance with Local, State and Federal regulations. Land Fill is the preferred method of disposal.

TRANSPORT INFORMATION

UN Number:	None Allocated Proper
Shipping Name:	None Allocated
Class:	None Allocated
Subsidiary Risk:	None Allocated
Packing Group:	None Allocated
Hazchem Code:	None Allocated

REGULATORY INFORMATION

R 36 Irritating to Eyes

S 2 Keep out of reach of children

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 or 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.