

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company: Mackay Cleaning Supplies
Address: Unit 1 Concept Place, 25 Transport Avenue, Patent, 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: CHLOR-THICK

Other Names: None
Manufacturer's Product Code: nil
Recommended Use: Bleaching Agent and Sanitiser

HAZARDS IDENTIFICATION

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

Risk Phrases: *R31 R36/38*
Safety Phrases: *S2-28-45-50*

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion</i>	<i>(%)</i>
Sodium Hypochlorite	7681-52-9		<5
Surfactants	Proprietary Blend		<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 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 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.

Additional Information: No Hazchem code is applicable.

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 as a 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 a general exposure limit indicator may be used, such as 5 g/m³. This limit is consistent with other products of this nature.

Personal Protective Equipment: Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: 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	Pale Yellow to Clear Liquid
Odour	Chlorine Odour
Boiling Point (°C):	Approximately 100
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	Not measured
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	Approx 12.0

STABILITY AND REACTIVITY

Reactivity Hazards: Store in a cool dry place.

TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed: Will cause discomfort and irritation, possibly nausea.

Eye: Will cause irritation and reddening.

Skin: Prolonged contact will cause irritation.

Inhaled: Inhalation of fine mists may cause irritation to the respiratory tract and nasal passages.

Chronic: No long-term exposure effects are known.

FIRST AID:

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 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.

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ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to cause harm to the environment. Dilute well with water before discharge.

DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

TRANSPORT INFORMATION

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

REGULATORY INFORMATION

Poisons Schedule: None allocated Hazardous Substances
S 31 Contact with acids liberates very toxic gas
R36/38 Irritating to eyes and skin
S 2 Keep out of reach of children
S 28 After contact with skin, wash immediately with plenty of soap suds
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)
S 50 Do not mix with acids or acidic products

OTHER INFORMATION

Further Information may be obtained by contacting the company on 07 4952 2832.
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.