

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company: Truclean (Qld) Pty Ltd
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Product Name: LIQUID DESCALER

Other Names: None

Manufacturer's Product Code:

Recommended Use: Descaling Agent

HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

CLASSIFIED DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE FOR TRANSPORT.

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Glycolic Acid	79 - 14 - 1	10 - 30
Orthophosphoric Acid	7664 - 38 - 2	10 - 30
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.

Additional Information: Water run off will be acidic from this product.

ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Spills may be slippery. Remove non-essential personnel from the area. Ensure that any alkalis or other products of incompatible classes near the spill are removed. Dam up and collect with absorbent material or sand and recover. Prevent entry into drainage systems, sewers and waterways. Neutralise, Consult Local Authority on disposal.

HANDLING AND STORAGE

Precautions for Safe Handling and Storage: 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. Containers 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.

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 dust 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 vapours. Keep containers closed when not in use.

IDENTIFICATION

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Clear liquid
Odour	Chemical odour
Boiling Point (°C):	100
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	1.0 – 1.12
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Soluble in water
pH:	1.0 – 2.0

STABILITY AND REACTIVITY

Reactivity Hazards: Store in a cool dry place away from heat and alkali's.

TOXOCOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Swallowed: Corrosive. Will cause irritation and may cause burns to the throat.

Eye: Corrosive. Will cause irritation, reddening of the eyes.

Skin: Corrosive. Will cause chemical burns to skin and prolonged contact may lead to dermatitis.

Inhaled: Inhalation of vapour will cause irritation of the respiratory tract and nasal passages.

Chronic: No long term effects are known.

First Aid treatment:

Swallowed: If swallowed **DO NOT** induce vomiting. Remove any material from the mouth. Give water to drink and seek medical advice.

Eyes: Hold eyes open and flood with water for at least 15 minutes and see a doctor.

Skin: Remove contaminated clothing and wash affected areas with water. If irritation persists seek medical advice.

ECOLOGICAL INFORMATION

Ecotoxicity: Concentrated product may harm environment. Collect up material, neutralise and dilute with water consult Local Authority before disposal.

DISPOSAL CONSIDERATIONS

Disposal Methods: In accordance with Local, State and Federal regulations.

TRANSPORT INFORMATION

UN Number:	1760	Proper Shipping Name:	Corrosive liquid N.O.S. [acid]
Class:	8	Subsidiary Risk:	N/a
Packing Group:	II	Hazchem Code:	2X