
IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company: Cleaning Essentials On the Run
Address: 1 Audrey Court, Toowoomba, QLD, 4350
Phone: 4636 2679 Fax: 4636 2677
Emergency Telephone Number: Poisons Information Centre 131126

Product Name: HD DESCALER

Other Names: None
Manufacturer's Product Code: hunt
Recommended Use: Acid Cleaner

HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE for transport**

Risk Phrases: C: Corrosive R 34 - 36 - 37 - 38

Safety Phrases: S 2 - 23 - 24 - 25 - 26 - 45

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Orthophosphoric Acid	7664 - 38 - 2	30 - 60
Ingredients determined not to be hazardous at these specific concentrations according to the ASCC		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 will etch concrete and attack metal. 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 with soda ash, Consult Local Authority on disposal.

Product: HD DESCALER

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. Do NOT store near any products containing chlorine as they will react violently on contact. 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):	1.25 – 1.30
Flashpoint (°C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Soluble in water
pH:	< 1

STABILITY AND REACTIVITY

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

TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Swallowed: Corrosive. Ingestion of this product may cause burns to the mouth and throat, pain in the stomach..

Eye: Corrosive to eyes; Mists may cause severe eye irritation.

When splashed in the eyes, concentrated solutions can cause severe burns, pain and permanent eye damage

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: Prolonged contact may lead to dermatitis.

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.

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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

REGULATORY INFORMATION

Poisons Schedule: Sch 6	Hazardous substances
	C: Corrosive
	R 34 Causes burns
	R 36/37/38 Irritating to eyes skin respiratory system
	S 2 Keep out of reach of children
	S 23 Do not breathe vapour
	S 24/25 Avoid contact with skin and eyes
	S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S45 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 manufacturer on (07) 3166 0706.

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.

END OF MSDS