

Infosafe No™ VARAG	Issue Date : October 2016	ISSUED by HUNTERST
Product Name <b>KLEENA</b>		

## 1. Identification

<b>GHS Product Identifier</b>	KLEENA
<b>Company Name</b>	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
<b>Address</b>	60 Gleadow Street INVERMAY TAS 7248 Australia
<b>Telephone/Fax Number</b>	Tel: 03 6331 4755 Fax: 03 6334 1065
<b>Emergency phone number</b>	0407 610 542
<b>Recommended use of the chemical and restrictions on use</b>	As a heavy duty detergent for greasy floors, badly marked walls, etc.. Use as directed on the product label.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Not classified as Hazardous Not classified as a Dangerous Good
<b>Signal Word (s)</b>	NONE
<b>Hazard Statement (s)</b>	None
<b>Precautionary statement – General</b>	P102 Keep out of reach of children. P104 Read Safety Data Sheet before use.
<b>Pictogram (s)</b>	None
<b>Precautionary statement – Storage</b>	P404 Store in a closed container.
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container in accordance with local regulations.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Surfactants	N/A	<10%
	Other ingredients determined not to be hazardous, including water	N/A	to 100%
	Ammonium Hydroxide 25%	1336-21-6	<5%

## 4. First-aid measures

<b>First Aid Measures</b>	If poisoning occurs contact a doctor or Poisons Information Centre Phone 131126
<b>Inhalation</b>	Remove from contaminated area immediately to fresh air; avoid becoming a casualty. If breathing is difficult, give oxygen. If not breathing apply artificial resuscitation. Seek medical advice.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Rinse mouth out with water then give large quantities of water to drink. Do not give anything if victim is unconscious. Seek medical advice.
<b>Skin</b>	Remove all contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing before reuse. If irritation persists seek medical advice.
<b>Eye contact</b>	Hold eyelids open and irrigate continuously with water for 15 minutes. Lift upper and lower lids occasionally. Seek medical advice.
<b>First Aid Facilities</b>	Eye wash. Hand wash basin.
<b>Advice to Doctor</b>	Product is an aqueous solution containing mixed surfactants and a low proportion of ammonia. May be irritating to skin and eyes. If swallowed, vomiting should not have been induced because of risk of aspiration of froth

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into the lungs. Contact Poisons Information Centre.

## 5. Fire-fighting measures

**Suitable extinguishing media** Use water fog, dry chemical, and carbon dioxide extinguishers. Water spray may be used to cool containers.

**Hazards from Combustion Products** Oxides of nitrogen, oxides of phosphorus, oxides of sulphur, oxides of carbon.

## 6. Accidental release measures

**Emergency Procedures** Contain.  
Increase ventilation.

**Spills & Disposal** Prevent major spills from entering drains and watercourses. Spills may be slippery when wet. Clean up immediately. Contain. Pump up excess material if appropriate. Use absorbent, collect and seal in properly labeled drums for disposal. Wash down area with excess water. Ventilate area to dispel any residual vapours.

**Personal Protection** Always wear PPE recommended in Section 8 when cleaning up spills

**Environmental Precautions** Prevent run off into drains and waterways.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Wear correct PPE when handling this product. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities** Store in original container. Keep container upright in cool dry area. Keep lid of container closed when not in use. Store away from oxidizing agents and food. Do not store near extreme heat or open flames. Will release small amounts of ammonia if left exposed.

**Unsuitable Materials** Incompatibles: Oxidising agents.

## 8. Exposure controls/personal protection

**Occupational exposure limit values** The ASCC does not list an exposure limit for this product however for Ammonia TWA: 25ppm 17mg / m<sup>3</sup> ;STEL: 35ppm 24mg / m<sup>3</sup>

**Appropriate engineering controls** Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.

**Personal Protective Equipment** Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-  
Normal Use:  
Eye/face protection  
Gloves, rubber or plastic.  
Industrial Quantities:  
Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.  
Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

## 9. Physical and chemical properties

**Form** Liquid

**Appearance** Clear, pale yellow, mobile, frothing liquid.

**Odour** Slight smell of ammonia.

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<b>Melting Point</b>	Not available.
<b>Boiling Point</b>	100o C
<b>Solubility in Water</b>	Totally miscible with water.
<b>Specific Gravity</b>	1.0
<b>pH</b>	Approx. 11
<b>Flash Point</b>	None.
<b>Other Information</b>	Alkaline solution. May react vigorously with strong acids. Mixture with strong alkalis may generate ammonia gas. Contact with copper or its alloys may form a deep blue complex. May react with strong oxidising agents. Very slippery when spilled.

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## 10. Stability and reactivity

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<b>Chemical Stability</b>	This material is stable under normal conditions of storage and use.
<b>Conditions to Avoid</b>	Incompatible materials.
<b>Incompatible Materials</b>	Oxidising agents, acids, strong alkalis, copper and its alloys.
<b>Hazardous Decomposition Products</b>	Oxides of nitrogen, oxides of sulphur, oxides of phosphorus.
<b>Possibility of hazardous reactions</b>	Reacts with strong acids to produce heat.

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## 11. Toxicological Information

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<b>Acute Toxicity - Oral</b>	LD50: Aqua Ammonia Oral LD 50 (Rat) 350 mg/kg
<b>Ingestion</b>	Likely to cause gastric upset, nausea, vomiting and diarrhoea.
<b>Inhalation</b>	Over-exposure to ammonia vapours may cause irritation to the respiratory system. Aspiration of froth into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation and possible inflammation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.
<b>Skin</b>	May be irritating to skin. Will have a degreasing effect on the skin.
<b>Eye</b>	May be irritating to eyes. May cause redness, itching and pain.
<b>Chronic Effects</b>	Repeated skin contact may lead to irritation and dermatitic effects. Long term exposure to low levels of ammonia vapour may lead to chronic bronchitis.

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## 12. Ecological information

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<b>Ecotoxicity</b>	May be harmful to aquatic organisms.
<b>Persistence and degradability</b>	The surfactant mixture is reported as 80 % readily biodegradable according to AS 1792.
<b>Mobility</b>	Readily transported by running water.
<b>Other Adverse Effects</b>	Contains mixed surfactants. Local concentrations may be harmful to aquatic organisms, including fish. Contains a low proportion of phosphate. May contribute to the development of algal blooms in natural waters.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

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## 13. Disposal considerations

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<b>Waste Disposal</b>	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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**Special precautions for landfill or incineration** Unsuitable for incineration.

#### 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

#### 15. Regulatory information

**Poisons Schedule** S5  
**AICS (Australia)** All components listed.

#### 16. Other Information

**Date of preparation or last revision of SDS** 14/10/2016

**Literature References** Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons  
Australian Code for the Transport of Dangerous Goods by Road & Rail  
Globally Harmonised System of classification and labelling of chemicals

**Signature of Preparer/Data Service** Technical Manager 0407 610 542

**Technical Contact Numbers** Emergency Advice All Hours:  
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs  
Transport/Fire Emergency: 000 (Emergency services)

**Other Information** This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
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