

MATERIAL SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL PTY LTD

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Date of Issue: 13/4/05

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PRODUCT : PINE OIL DISINFECTANT

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Product Code: 0010054

Other names: N/A

| | | | |
|------------------|----------------|------------------|----------------|
| UN Number: | Not regulated | Shipping Name: | None allocated |
| Hazchem Code: | None allocated | DG Class : | Not regulated |
| Subsidiary Risk: | None allocated | Poison Schedule: | None allocated |
| Packaging Group: | None allocated | | |

PHYSICAL DESCRIPTION/PROPERTIES

| | | | |
|-------------------------|--|-----------------------|----------------|
| Use: | A soap based pine disinfectant cleaner | | |
| Appearance : | Transparent, caramel liquid | Odour : | Pine fragrance |
| Specific Gravity: | 0.98 | Vapour Pressure: | Not determined |
| Solubility in water: | Not applicable | Flash Point : | 70 degrees C |
| Boiling/Melting Points: | Not applicable | Flammability Limits : | Not applicable |
| Other Properties: | Highly biodegradable due to soap base | pH : | 13.2 – 13.7 |

INGREDIENTS

| Chemical | CAS Number | Proportion (w/v) |
|--|--------------|------------------|
| Pine Oil | 8002-09-3 | 4.0% |
| Ethanol | 64-17-5 | 12.0% |
| Eucalyptus Oil | 8000-48-4 | 0.3% |
| Materials considered not to be hazardous | Not required | >80% |

FIRST AID:

Swallowed: DO NOT induce vomiting. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e., becoming unconscious. Give water (or milk) to rinse out mouth. Then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Eye: Immediately irrigate with copious quantities of water for at least 15 minutes. If pain persists or recurs, seek medical attention.

Skin Contact: Remove contaminated clothing and wash affected area with soap and water.

Inhaled: If fumes or combustion products are inhaled: remove to fresh air. Seek medical advice.

First Aid Facilities: No special requirements

Advice to Doctor: Treat symptomatically.

WORKSAFE AUSTRALIA CLASSIFICATION

| | |
|-------------------|--------------|
| CATEGORY : | Not required |
| RISK PHRASES : | |
| SAFETY STATEMENT: | |

PRODUCT: PINE OIL DISINFECTANT

HEALTH EFFECTS

ACUTE:

- Swallowed:** Low toxicity. Can result in nausea and stomach pain
- Eye:** Moderate eye irritant.
- Skin Contact:** Mild irritation to skin and mucous membrane. Prolonged contact with skin causes defatting and possible dermatitis.
- Inhaled:** Inhalation of generated mists of the concentrated product may irritate respiratory system.

CHRONIC: Extended contact with undiluted product will irritate skin.

PRECAUTIONS FOR USE:

- Exposure Standards:** No value assigned for the specific material by the National Health and Medical Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia).
- Engineering Controls:** Use with adequate ventilation.
- Personal Protection:** Use good Occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. The following should be available: Gloves, safety eye glasses (particularly when pouring undiluted product) and overalls.
- Flammability:** Combustible liquid.

SAFE HANDLING INFORMATION :

- Storage and Transport:** Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Rail and Road. Store in a cool, dry place and out of direct sunlight. Store in a well-ventilated area. Keep dry – keep containers closed at all times.
- Spills and Disposal:** Prevent large spills from entering sewer systems, waterways, etc. Mop up with absorbent material. Collect and seal in properly labeled containers for disposal. Small spills may be rinsed away with water. Disposal – Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
- Fire/Explosion:** Combustible material. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.
- Other information:** Extinguishing media: Water, fog, foam, carbon-dioxide, dry chemical powder, BCF.

CONTACT POINT: Industrial Chemist - phone: 07 3204 8300

This material safety data sheet is compiled from the best information currently available to the company. The company accepts no responsibility for the accuracy of the information contained in this data sheet, or any results obtained by customers or end-users. Good industrial hygiene should always be used when handling chemicals.

END OF MSDS