

# MATERIAL SAFETY DATA SHEET

*Date of Issue:* June 2006.

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*Product Name:* **PINE-KLEEN**

*Product Code:* 3073

**Statement of Hazardous Nature:** Not Classified as hazardous according to criteria of Worksafe Australia

## - IDENTIFICATION -

**Other Names:** Pine Kleen Disinfectant.

**UN Number:** None Allocated.

**Dangerous Goods Class and Subsidiary Risk:** None allocated.

**Hazchem Code:** None Allocated.

**Poisons Schedule Number:** None Allocated.

**Uses:** Disinfectant - light cleaner and deodoriser.

### *PHYSICAL DESCRIPTION/PROPERTIES*

**Appearance:** Clear light green liquid.

**Boiling Point / Melting Point (°C):** 100° C.

**Vapour Pressure (pascals or mm of Hg at 25°C):** Not available.

**Specific Gravity:** Not available.

**Flashpoint (°C):** None.

**Flammability Limits:** Not applicable.

**Solubility in Water (g/L):** Very soluble.

### *OTHER PROPERTIES*

**pH:** 8.5 - 9.5 @ 100% aqueous solution.

**Corrosiveness:** Not available.

**Reactivity:** Not available.

### *INGREDIENTS:*

<u>USE / FAMILY</u>	<u>CHEMICAL ENTITY</u>	<u>CAS NUMBER</u>	<u>PROPORTION</u>
1. Biocide	50% w/w Benzalkonium chloride	8001-54-5	2% w/w
2. Phosphate	Sodium tripolyphosphate	7758-29-4	< 5% w/v
3. Chelating agent	Tetra sodium edetate	64-02-8	< 10%
4. Surfactant	Biodegradable nonionic surfactant	Not required	< 10%
5. Perfume	Perfume compound of essential oils	Various	< 10%
6. Emulsifier	Biodegradable nonionic surfactant	Not required	< 10%
7. Dye	Various	Various	Trace
8. Water	Potable water	7732-18-5	To 100%

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## - HEALTH HAZARD INFORMATION -

### HEALTH EFFECTS

**Acute:**

**Swallowed:** Ingestion of large amounts may result in burning pain in the mouth and throat.

**Eye:** A mild eye irritant.

**Skin:** Prolonged contact with the skin may result in moderate irritation.

**Inhaled:** Not normally an inhalant risk due to low vapour pressure at ambient temperatures. However continuous inhalation of mists or aerosols may result in headaches, dizziness and possible nausea.

**Chronic:** The components in the proportions present are not considered to represent a significant health hazard under conditions of good occupational work practice.

### FIRST AID

**Swallowed:** Do not induce vomiting. Give plenty of water or milk to drink. If vomiting occurs give further water or milk to achieve effective dilution. Seek medical assistance if required or contact the Poisons Information Centre.

**Eye:** Hold eyes open, flood with copious quantities of water for at least 15 minutes. Seek medical assistance.

**Skin:** If irritating remove contaminated clothing and wash skin thoroughly with water. Seek medical advice if effects persist.

**Inhaled:** If effected move person away from area to fresh air. Seek medical assistance.

**FIRST AID FACILITIES:** Eye bath, safety shower and copious quantities of water.

**ADVISE TO DOCTORS:** Treat symptomatically.

## - PRECAUTION FOR USE -

**Exposure Standards:** No value assigned for this specific product or its components.

**Toxicity:** Benzalkonium chloride (active ingredient): Oral LD50 (rat): 280 mg/kg. Dermal LD50 (rat): 1560 mg/kg.

As published by the National Occupational Health and Safety Commission (Worksafe Australia). 1996.

**Engineering Controls:** Use with adequate ventilation.

**Personal Protection:** The components in the proportions present are not considered to represent a significant hazard. The wearing of impervious gloves is considered good occupational work practice. Always wash hands before eating, drinking or using the toilet.

**Flammability:** Non-flammable and non-combustible.

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## - SAFE HANDLING INFORMATION -

**Transport:** Not defined as a dangerous good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Storage:** To be stored away from food stuffs at all times. Store in a well ventilated area away from direct sunlight. Keep containers sealed when not in use. Check regularly for any leaks. Rotate stock with each new delivery.

**Spillages:** Clean up any spillages immediately. Avoid accidents as spillages are slippery. Full body protection should be worn. Waterproof overalls, boots, hat, full face shield or goggles and impervious gloves. Avoid skin and eye contact. Contain spill using sand or soil. Prevent run off into drains and waterways. Isolate any leaking containers and transfer contents into alternative, suitable, containers. On spillages use absorbent inert material such as sand, soil, sawdust, vermiculite, or man made inert material. Collect contaminated waste, place and seal in properly labelled, suitable containers. After clean up wash area down with large quantities of water.

NOTE: Suitable containers include polyethylene, polyvinyl chloride, stainless steel or polyethylene lined mild steel drums.

**Disposal:** For disposal of contaminated waste material contact the Environment Protection Authority.

**Fire / Explosion Hazard:** Non-flammable and non-combustible. When containers are exposed to extreme heat, keep cool by spraying with water to prevent pressure build-up and drums bursting.

**WARNINGS:** Nil.

## - OTHER INFORMATION -

**Contact Point:** Paul Behan.

**Notes:** Products containing the biocide 50% w/w Benzalkonium chloride, as specified by ICI Australia Operations CDS: 01120 Issued: 05-91 states that: " The level of product required to pass TGA test for:

Hospital Dirty (Option A) 1.4% w/v

Hospital Clean (Option B) 0.2% w/v

Commercial (Option C) 0.1% w/v."

**DISCLAIMER:** All information contained in this Material Safety Data Sheet is as accurate and up-to-date as possible. Since Kleen Magic cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kleen Magic will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No express or implied warranties are given other than those implied mandatory by the Commonwealth, State or Territory legislation of Australia.

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THIS MATERIAL SAFETY DATA SHEET MUST BE MADE AVAILABLE TO ALL PERSONS WHO BY NATURE OF THEIR EMPLOYMENT MAY HANDLE OR COME INTO CONTACT WITH THIS PRODUCT.

Manufactured for Kleen Magic

**END.**