

KEMTEC MANUFACTURING LTD

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MATERIAL SAFETY DATA SHEET

REVISED DATE: 23rd August 2004

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Trade name: PINE DISINFECTANT

Product code: KE27

Intended use: Deodorising disinfectant for use on floors, walls, paintwork, sinks, drains and toilets.

Supplier: Kemtec Manufacturing Ltd

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2. GENERAL DESCRIPTION AND COMPOSITION INFORMATION

Substance	CAS	Conc.(W%)	Risk Phrases
Benzalkonium Chloride (15 – 30%)	68391-01-5	15 – 30%	C: R22, R34
Non-ionic surfactant		5 – 15%	Xi; R36, R38

3. HAZARDS IDENTIFICATION

This product is classed as an IRRITANT.

May cause some irritation to the mouth and upper digestive tract. May cause skin irritation especially if exposure is prolonged and/or repeated. May cause significant eye irritation.

Biodegradable, so unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms.

4. FIRST AID MEASURES

Inhalation: Expose to fresh air. Seek medical advice if breathing becomes difficult..

Eye Exposure: Wash out eye immediately with plenty of water for at least 10 minutes, holding the eye open. Seek medical advice if symptoms persists.

Skin Exposure: Wash thoroughly with soap and water. Seek medical advice if skin appears damaged.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention and show this safety data sheet or produce label.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use water, foam or dry chemical.

Fire fighting: Self contained breathing apparatus should be worn when fighting large fires.

Fire and explosive hazards: Fumes containing carbon dioxide may be formed in large fires. This product is not considered to be flammable.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillage and absorb onto sand. Failure to contain release must be reported to the local authority. Wear impervious gloves/overalls and eye protection while cleaning up the spillage. Do not wash into drains. Place in plastic barrels for disposal.

7. HANDLING AND STORAGE

Handling: No specific handling requirements for this product.

Handling advice: Avoid contact with eyes and skin. Wear appropriate protective clothing when handling this product. Ensure adequate ventilation in areas where this product is handled.

Storage: Store in plastic, plastic lined or stainless steel containers. Keep containers tightly closed. Store in frost free place not exceeding 30c. Spillage will damage some floor coverings.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory protection: No personal respiratory protection is required.

Eye protection: Use of safety glasses is recommended.

Skin/hand protection: Use of protective clothing/impervious gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear green liquid with a pine odour.

Boiling point: 100C

Flash point: N/A

pH: 7

Solubility: Soluble by weight in water.

Density: 1 g/ml

10. STABILITY AND REACTIVITY

This product is considered stable under normal conditions.

Avoid contact with aluminium.

Do not mix with anionics.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: <2000 mg/kg LD50 (oral rat)

Skin contact: May produce significant skin irritation after prolonged contact.

Eye contact: May cause significant eye irritation.

Ingestion: Classified as "harmful if swallowed". May burn the mouth and upper digestive tract.

12. ECOLOGICAL INFORMATION

Do not release into surface waters. May cause harm to plants and wildlife. May cause damage to water courses and aquatic life.

13. DISPOSABLE CONSIDERATION

When disposing of waste or surplus material, avoid contact with skin and eyes. Wear impervious gloves/overalls and safety goggles. Do not wash into the drain. Do not mix with other waste materials. Dispose of in accordance with local authority regulations.

14. TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

15. REGULATORY INFORMATION

Hazard symbol:	Xi	Irritant
Risk Phrases:	R22 R34 R36/38	Harmful if swallowed Causes burns Irritating to eyes and skin.
Safety Phrases:	S26 S28 S36/37/39 S46	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection. If swallowed, seek medical advice immediately and show the product label or container.

16. OTHER INFORMATION

The information contained in this safety data sheet does not constitute the owners own assessment of workplace risk as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations may apply to the use of this product in the workplace.

This product should not be used for purposes other than those for which it is designed. The information contained in this safety data sheet is based on present knowledge and current national legislation and meets the requirements of the Chemicals (Hazard and Packaging) Regulations. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications.