



SAFETY DATA SHEET

PHINAL

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Issued: 24/03/06

Revision No: 3

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: PHINAL

Use / description of product: Pine disinfectant to BS6471.

Company name: Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BENZALKONIUM CHLORIDE 1-10%

CAS: 68989-00-4

[Xn] R22; [C] R34

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. There may be vomiting.

Inhalation: No undue effects under normal circumstances.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash with soap and water.

Eye contact: Rinse immediately with plenty of water for at least 10 minutes and seek medical advice.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: If affected, remove to fresh air. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: The product is non-combustible; appropriate extinguishing media for surrounding area should be used in fire situations.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures: Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid contact with eyes and skin.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Requirement for respiratory protection is unlikely.

Hand protection: Protective gloves.

Eye protection: Wear safety glasses or goggles if risk of splashing.

Skin protection: Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Green

Odour: Pine

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: 100

Relative density: 0.98

pH: 6.5-7.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Oxidising agents.

Haz. decomp. products: Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: No adverse effects should be experienced under normal circumstances.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Partially or slowly biodegradable.

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13. DISPOSAL CONSIDERATIONS

Disposal operations: Flush waste to foul sewer.

Disposal of packaging: Clean with water. Retain for recovery.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: R22: Harmful if swallowed.

R34: Causes burns.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.