



SAFETY DATA SHEET

KL400

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Issued: 27/02/06

Revision No: 5

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

Product name: KL400

Use / description of product: Super concentrated cleaner and degreaser.

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: 2-BUTOXYETHANOL 1-10%

EINECS: 203-905-0 CAS: 111-76-2

[Xn] R20/21/22; [Xi] R36/38

- SODIUM METASILICATE 1-10%

EINECS: 229-912-9 CAS: 6834-92-0

[C] R34; [Xi] R37

Contains: 10-30% Citric Acid.

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

Other hazards: This product is not classified as hazardous under current legislation.

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 with water for 10 minutes and seek medical advice if irritation persists.

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.

Exposure hazards: Irritating fumes may be produced in a fire.

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

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Small spills can be flushed to drain with plenty of water. Spillages of larger quantities (e.g. more than 30 litres) should be contained with sufficient appropriate absorbent material.

Clean-up procedures: Wash away spillage residues to foul sewer.

7. HANDLING AND STORAGE

Handling requirements: Wear appropriate protective clothing when handling this product. Avoid contact with eyes and skin.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 2-BUTOXYETHANOL
TWA 25 ppm STEL 50 ppm (Sk)

Engineering measures: Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

Hand protection: Use of impervious gloves is recommended. (Sk) noted above means can be absorbed through skin.

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

Skin protection: Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Fluorescent yellow/green.

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Non-viscous

Relative density: 1.035

pH: 13-14

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Strong acids. Oxidising agents. Reducing agents.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: 2-BUTOXYETHANOL
IVN RAT LD50 307 mg/kg
ORL MUS LD50 1230 mg/kg
ORL RAT LD50 470 mg/kg

Routes of exposure: May cause irritation of skin, eyes, nose and upper respiratory tract.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Other adverse effects: Should not be discharged directly in concentrated form to water courses.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Unicorn Chemicals Ltd to arrange disposal.

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

14. TRANSPORT INFORMATION**ADR / RID**

Shipping name: NOT CLASSIFIED FOR TRANSPORT

IMDG / IMO**IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

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.

Note: This product will not cause oxidation/rusting of metal; however if used to degrease metal surfaces which have previously been coated with an oil-based anti-corrosion preparation,

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re-application of that preparation may be necessary.

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

Risk phrases used in s.2: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R34: Causes burns.

R37: Irritating to respiratory system.

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.