

SAFETY DATA SHEET

ULTRAFRESH

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Revision No: 3

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

Product name: ULTRAFRESH

Product code: 808

Use of substance / preparation: 808 : A daily use bactericidal toilet and washroom cleaner and freshener. Long lasting, fresh pine fragrance. Safe on stainless steel.

Company name: Clover Chemicals Ltd
Clover House
Macclesfield Road
Whaley Bridge, High Peak
Derbyshire
SK23 7DQ
UK
Tel: +44 (0) 1663 733114
Fax: +44 (0) 1663 733115
Email: technical@cloverchemicals.com

2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27) 1-2%
EINECS: POLYMER CAS: 9043-30-5
[Xn] R22; [Xi] R41

- BENZALKONIUM CHLORIDE 1-2%
CAS: 68424-85-1
[C] R34; [Xn] R21/22; [N] R50
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21) 1-2%
EINECS: POLYMER CAS: 160875-66-1
[Xi] R41

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.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

[cont...]

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

Inhalation: Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. 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: Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a suitable container.

7. HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Polyethylene. Stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Green

Odour: Pleasant

Evaporation rate: Moderate

Solubility in water: Soluble

Viscosity: Viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Relative density: 0.97 - 1.07

pH: 6 - 8

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)

ORL RAT LD50 1.5 g/kg

- BENZALKONIUM CHLORIDE

ORL RAT LD50 795 mg/kg

SKN RAT LD50 1560 mg/kg

- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

ORL RAT LD50 >2000 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)

FISH 96H LC50 >1 mg/l

- BENZALKONIUM CHLORIDE

DAPHNIA 48H EC50 0.03 mg/l

EARTHWORMS 96H LC50 1 - 10 mg/l

FISH 96H LC50 1.7 mg/l

- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

ALGAE Scenedesmus 48H EC50 10 - 100 mg/l

Mobility: Soluble in water.

Persistence and degradability: Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

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: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.

Seveso II guideline: No

Water hazard class: 1 Classification by VwVwS

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: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R34: Causes burns.

R21/22: Harmful in contact with skin and if swallowed.

R50: Very toxic to aquatic organisms.

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.

