

## SAFETY DATA SHEET

FRESHNIT

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Revision No: 3

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

**Product name:** FRESHNIT

**Product code:** 898

**Use of substance / preparation:** 898: Sanitary cleaner

**Company name:** Clover Chemicals Ltd

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### 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.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

[cont...]

**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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Red

**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

**VOC g/l:** 0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**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

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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

**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.

**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.

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

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

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**Seveso II guideline:** No

**Water hazard class:** 1 Classification by VwVwS

**Air emission directive:** Amount m%: 0

**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.

