

SAFETY DATA SHEET

FOAM CLEANER

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Revision No: 2

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

Product name: FOAM CLEANER

Product code: 219

Use of substance / preparation: 219 A ready to use bactericidal cleaner.

Company name: Clover Chemicals Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE 1-10%

EINECS: 264-151-6 CAS: 63449-41-2

[C] R34; [Xn] R21/22; [N] R50

- 3 - BUTOXYPROPAN - 2 - OL 1-10%

EINECS: 225-878-4 CAS: 005131-66-8

[Xi] R36/38

- (C12 - C18)PARETH(2 -18) 1-10%

CAS: 24938-91-8

[Xn] R22; [Xi] R41

- (C10 - C16)PARETH(2 -10) 0-1%

[Xi] R41; [N] R50

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

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4. FIRST AID MEASURES (ACTION)

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 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. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Transfer to a suitable container. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area.
- Suitable packaging:** Stainless steel. Polyethylene. Glass.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Protective gloves. Impermeable gloves. Rubber gloves.
- Eye protection:** Safety glasses.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Colourless
- Odour:** Characteristic odour
- Solubility in water:** Soluble
- Viscosity:** Non-viscous

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Relative density: 0.98 - 1.08**pH:** 11.4**VOC g/l:** 30**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:** ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE

ORL RAT LD50 795 mg/kg

SKN RAT LD50 1560 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Hazardous ingredients:** ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE

DAPHNIA 48H EC50 0.03 mg/l

EARTHWORMS 96H LC50 1 - 10 mg/l

FISH 96H LC50 1.7 mg/l

- 3 - BUTOXYPROPAN - 2 - OL

DAPHNIA 48H EC50 >1000 mg/l

FISH GUPPIES 96H LC50 560-1000 mg/l

Mobility: Readily absorbed into soil.**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:** Irritant.**Risk phrases:** R36: Irritating to eyes.**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.**Seveso II guideline:** No**Water hazard class:** 1 Classification by VwVwS**Air emission directive:** Amount m%: 3**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:** R34: Causes burns.

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

R50: Very toxic to aquatic organisms.

R36/38: Irritating to eyes and skin.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

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.

