

SAFETY DATA SHEET

UB 20

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Revision No: 3

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

Product name: UB 20

Product code: 992

Use of substance / preparation: 992 : A super concentrate, odourless sanitiser. Safe for use on all washable surfaces. Food safe and non tainting.

Company name: Clover Chemicals Ltd
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2. HAZARDS IDENTIFICATION

Main hazards: Irritating to skin. Risk of serious damage to eyes. Very toxic to aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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
- POLYMERIC BIGUANIDE HYDROCHLORIDE <1%
CAS: 27083-27-8
[Xn] R22; [Xi] R37/38; [Xi] R41; [Sens.] R43; [N] R50/53
 - (C9 - C18)PARETH(2 - 18) 1-10%
 - C10 -C16 PARETH (2 - 10) 0-1%
CAS: 127036-24-2
[Xi] R41
 - DODECYL DIPROPYLENETRIAMINE <1%
CAS: 2372-82-9
[Xn] R22; [C] R34; [N] R50

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 soreness and redness of the mouth and throat.

[cont...]

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. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Transfer to hospital as soon as possible.

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.

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: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Suitable packaging: Stainless steel. Glass. Teflon. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection: Impermeable gloves.

Eye protection: Safety glasses with side-shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

Odour: Barely perceptible odour

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Non-viscous

Relative density: 0.999 - 1.004

pH: 1% = 6 - 7

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.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE
ORL RAT LD50 795 mg/kg
SKN RAT LD50 1560 mg/kg
- DODECYL DIPROPYLENETRIAMINE
ORL RAT LD50 200-2000 mg/kg

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
- POLYMERIC BIGUANIDE HYDROCHLORIDE
ALGAE 48H EC50 .01 -0.1 mg/l
DAPHNIA 48H EC50 0.1 - 1 mg/l
FISH RAINBOW TROUT 96H LC50 0.1 -1 mg/l
 - DODECYL DIPROPYLENETRIAMINE
ALGAE 72H IC50 0.015 mg/l
DAPHNIA 48H EC50 0.078 mg/l
FISH 96H LC50 0.431 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.

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: R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R50: Very toxic to aquatic organisms.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39: Wear eye / face protection.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.
Contains polymeric biguanide hydrochloride. May produce an allergic reaction.

Haz. ingredients (label): ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE; POLYMERIC BIGUANIDE HYDROCHLORIDE; (C9 - C18)PARETH(2 - 18)

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: R34: Causes burns.
R21/22: Harmful in contact with skin and if swallowed.
R50: Very toxic to aquatic organisms.
R22: Harmful if swallowed.
R37/38: Irritating to respiratory system and skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

