



SAFETY DATA SHEET

VC 20

Page 1

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Revision No: 1

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

Product name: VC 20

Company name: Unicorn Chemicals Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Risk of serious damage to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM LAURETH SULFATE 10-20%

CAS: 9004-82-4

[Xi] R38; [Xi] R41

- 2-BUTOXYETHANOL <10%

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

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

- ETHANOL <10%

EINECS: 200-578-6 CAS: 64-17-5

[F] R11

- ALKYL DIMETHYLAMINE OXIDE <10%

CAS: 70592-80-2

[Xi] R38; [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 irritation and redness.

Ingestion: May cause gastro-intestinal irritation with nausea and vomiting.

Inhalation: Inhalation of high concentrations of spray mist may result in irritation of nose, throat and upper respiratory tract.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Seek medical advice if irritation develops.

[cont...]

Eye contact: Seek medical advice if irritation persists.

Ingestion: Do not induce vomiting. Wash out mouth with water. If affected, seek medical advice.

Inhalation: If affected, remove to fresh air. If irritation or symptoms persist seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

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: Contain the spillage using bunding. Do not discharge into drains or rivers.

Clean-up procedures: absorb with inert, absorbent material. Transfer to suitable labelled containers for disposal.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 2-BUTOXYETHANOL

WEL (8 hr TWA): 25 ppm WEL (15 min STEL): 50 ppm (Sk)

- ETHANOL

WEL (8 hr TWA): 1920 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Requirement for respiratory protection is unlikely.

Hand protection: Where hand contact with the product may occur the use of chemical resistant gloves, approved to relevant standards, made from the following materials may provide suitable chemical protection: Nitrile gloves. PVC gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Green

Odour: Pleasant

Evaporation rate: Negligible

Solubility in water: Highly soluble

Viscosity: Viscous

pH: 8-9

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM LAURETH SULFATE

ORL RAT LD50 >2000 mg/kg

- 2-BUTOXYETHANOL

IVN RAT LD50 307 mg/kg

ORL MUS LD50 1230 mg/kg

ORL RAT LD50 470 mg/kg

- ETHANOL

IVN RAT LD50 1440 mg/kg

ORL MUS LD50 3450 mg/kg

ORL RAT LD50 7060 mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability: Biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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: Irritant.



Risk phrases: R41: Risk of serious damage to eyes.

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

S39: Wear eye / face protection.

Haz. ingredients (label): SODIUM LAURETH SULFATE

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

Risk phrases used in s.3: R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R11: Highly flammable.
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.