

SAFETY DATA SHEET

FPC-11

Page 1

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Revision No: 1

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

Product name: FPC-11

Product code: 478

Use of substance / preparation: Alkaline Foam Detergent for Food Industry

Company name: G.P.Services(UK)Ltd

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Doncaster

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2. HAZARDS IDENTIFICATION

Main hazards: Causes burns.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM XYLENE SULPHONATE 1-10%

EINECS: 215-090-9 CAS: 1300-72-7

[Xi] R36

- TETRA SODIUM ETHYLENEDIAMINETETRAACETATE 1-10%

CAS: 64-02-8

[Xi] R36/38

- SODIUM ALKYL ETHOXY SULPHATE 1-10%

CAS: 68535-34-2

[Xi] R36/38

- 2-BUTOXYETHANOL 1-10%

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

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

- DISODIUM METASILICATE 1-10%

EINECS: 229-912-9 CAS: 6834-92-0

[C] R34; [Xi] R37

- DODECYL BENZENE SULPHONIC ACID 1-10%

CAS: 27176-87-0

[Xn] R22; [C] R34

- SODIUM HYDROXIDE 1-10%

[cont...]

EINECS: 215-185-5 CAS: 1310-73-2

[C] R35

- CORROSION INHIBITOR 0-1%

CAS: 6419-19-8

[Xi] R36

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. There may be bleeding from the mouth or nose.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** 2-BUTOXYETHANOL
WEL (8 hr TWA): 25 ppm WEL (15 min STEL): 50 ppm
- SODIUM HYDROXIDE
WEL (15 min STEL): 2 mg/m³
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Impermeable gloves.
- Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection:** Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Colourless
- Odour:** Unfragranced
- Solubility in water:** Soluble
- Viscosity:** Non-viscous
- pH:** 13.0-13.8

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat.
- Materials to avoid:** Strong oxidising agents. Strong acids.
- Haz. decomp. products:** In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** SODIUM XYLENE SULPHONATE
ORL RAT LD50 >2000 mg/kg
- TETRA SODIUM ETHYLENEDIAMINETETRAACETATE
ORL RAT LD50 >2000 mg/kg
 - SODIUM ALKYL ETHOXY SULPHATE
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
 - DISODIUM METASILICATE
ORL MUS LD50 770 mg/kg
ORL RAT LD50 1153 mg/kg

- DODECYL BENZENE SULPHONIC ACID
ORL RAT LD50 1200 mg/kg
- SODIUM HYDROXIDE
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

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

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Biodegradable.

Other adverse effects: May affect the acidity in water with the risk of adverse effects to the aquatic environment

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

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Haz. ingredients (label): SODIUM HYDROXIDE

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: R36: Irritating to eyes.
R36/38: Irritating to eyes and skin.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R34: Causes burns.
R37: Irritating to respiratory system.
R22: Harmful if swallowed.
R35: Causes severe burns.

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.