



SAFETY DATA SHEET
BLACKFAST 513 ACID PICKLE MEDIUM

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Revision No: 1

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

Product name: BLACKFAST 513 ACID PICKLE MEDIUM

Product code: 513

Use of substance / preparation: Chemical preparation for pickling of metal surfaces

Company name: Blackfast Chemicals Limited

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New Malden

Surrey

KT3 4QS

United Kingdom

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Emergency tel: +44 (0) 7985 975545

Email: sales@blackfast.com

2. HAZARDS IDENTIFICATION

Main hazards: Causes burns. Irritating to respiratory system.

Workplace exposure limit: This substance does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 2,2'-OXYBISETHANOL 1-10%

EINECS: 203-872-2 CAS: 111-46-6

[Xn] R22

- HYDROCHLORIC ACID 10-30%

EINECS: 231-595-7

[C] R34; [Xi] R37

- ETHOXYLATED BIS PHENOL A DI-(NORBORNENE

CARBOXYLATE) 1-10%

EINECS: 412-410-0

[-] R52/53

4. FIRST AID MEASURES

Skin contact: Wash immediately with plenty of soap and water. 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. Consult

[cont...]

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a doctor. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination. Consult a doctor.

Ingestion: Wash out mouth with water. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Consult a doctor. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Water fog.

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. 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.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Storage conditions: Keep away from direct sunlight. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** 2,2'-OXYBISETHANOL
UK - 8 hour TWA: 101 mg/m³
- HYDROCHLORIC ACID...100%
UK - 15 min. STEL: 7.6 mg/m³
- Engineering measures:** Ensure there is exhaust ventilation of the area.
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** PVA gloves.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** PVC apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Yellow
- Solubility in water:** Soluble
- Relative density:** 1.13
- pH:** 1-1.5

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Direct sunlight. Sources of ignition.
- Materials to avoid:** Strong bases.
- Haz. decomp. products:** In combustion emits toxic fumes of hydrogen chloride / phosgene.

11. TOXICOLOGICAL INFORMATION

- Acute effects:** Causes burns. Irritating to respiratory system.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

- Skin contact:** Irritation or pain may occur at the site of contact.
- Eye contact:** There may be pain and redness. Corneal burns may occur.
May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be a feeling of tightness in the chest with shortness of breath. There may be coughing and a sore throat.

12. ECOLOGICAL INFORMATION

- Mobility:** Highly volatile. Soluble in water.

Persistence and degradability: No data available.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Toxic to aquatic organisms.

PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

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

Waste code number: 11 01 05

Disposal of packaging: 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

UN no: 1789

ADR Class: 8

Packing group: III

Classification code: C1

Shipping name: HYDROCHLORIC ACID

Labelling: 8

Hazard ID no: 80



IMDG / IMO

UN no: 1789

Class: 8

Packing group: III

EmS: F-A,S-B

Marine pollutant: NO

Labelling: 8

IATA / ICAO

UN no: 1789

Class: 8

Packing group: III

Packing instructions: 819(P&CA); 821(CAO)

Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.

R37: Irritating to respiratory system.

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): Contains <30% Hydrochloric Acid

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.
* indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.3: R22: Harmful if swallowed.
R34: Causes burns.
R37: Irritating to respiratory system.
R52/53: Harmful 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.