



SAFETY DATA SHEET
BLACKFAST 505 ACID PICKLE LIGHT

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Issued: 06/08/2008
Revision No: 1

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

Product name: BLACKFAST 505 ACID PICKLE LIGHT

Product code: 505

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

Company name: Blackfast Chemicals Limited

78 Coombe Road

New Malden

Surrey

KT3 4QS

United Kingdom

Tel: +44 (0) 20 8336 2900

Fax: +44 (0) 20 8336 0909

Emergency tel: +44 (0) 7985 975545

Email: sales@blackfast.com

2. HAZARDS IDENTIFICATION

Main hazards: Causes burns.

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 10-30%

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

[Xn] R22

- ORTHOPHOSPHORIC ACID 50-70%

EINECS: 231-633-2 CAS: 7664-38-2

[C] R34

4. FIRST AID MEASURES

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. Consult a doctor.

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

Ingestion: Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Consult a doctor.

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: 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: 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. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

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

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

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

- ORTHOPHOSPHORIC ACID...100%

UK - 8 hour TWA: 1 mg/m³

UK - 15 min. STEL: 2 mg/m³

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

Respiratory protection: Respiratory protection not required.

Hand protection: PVC gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale yellow

Odour: Perceptible odour

Solubility in water: Soluble

Relative density: 1.574**pH:** 1.5**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Sources of ignition.**Materials to avoid:** Oxidising agents. Reducing agents. Bases.**11. TOXICOLOGICAL INFORMATION****Acute effects:** Causes burns.**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)****Skin contact:** Severe burns may occur.**Eye contact:** There may be pain and redness. The vision may become blurred.**Ingestion:** Nausea and stomach pain may occur. There may be irritation of the throat.**Inhalation:** There may be coughing and a sore throat.**12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No data available.**Other adverse effects:** Harmful 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:** Clean with water. 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:** 1805**ADR Class:** 8**Packing group:** III**Classification code:** C1**Shipping name:** PHOSPHORIC ACID, SOLUTION**Labelling:** 8**Hazard ID no:** 80

IMDG / IMO

UN no: 1805 **Class:** 8
Packing group: III **EmS:** F-A,S-B
Marine pollutant: NO **Labelling:** 8

IATA / ICAO

UN no: 1805 **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.

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 <60% Orthophosphoric 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.

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

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guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.