



**SAFETY DATA SHEET**  
BLACKFAST 517 ACID PICKLE HEAVY

Page 1  
Issued: 05/08/2008  
Revision No: 1

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

**Product name:** BLACKFAST 517 ACID PICKLE HEAVY

**Product code:** 517

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

**Company name:** Blackfast Chemicals Limited

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### 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:** NITRIC ACID 10-30%

EINECS: 231-714-2 CAS: 7697-37-2

[O] R8; [C] R35

### 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.

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

**Ingestion:** Do not induce vomiting. 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. Transfer to hospital as soon as possible.

[cont...]

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

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water spray. Water fog.

**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.

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** NITRIC ACID...100%  
UK - 15 min. STEL: 2.6 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is exhaust ventilation of the area.

**Hand protection:** PVC gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Plastic apron.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Colourless

**Odour:** Perceptible odour

**Solubility in water:** Soluble

**Relative density:** 1.05

**pH:** 1.25

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Sources of ignition.

**Materials to avoid:** Reducing agents. Alcohols.

**Haz. decomp. products:** In combustion emits toxic fumes of nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Causes burns.

## 11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

**Skin contact:** Severe burns may occur.

**Eye contact:** Corneal burns may occur.

**Ingestion:** It is unlikely that this substance will be swallowed due to its physical properties.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Soluble in water. Absorbed only slowly into soil.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** Slightly bioaccumulable.

**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:** 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:** 2031

**ADR Class:** 8

**Packing group:** II

**Classification code:** CO1

**Shipping name:** NITRIC ACID

**Labelling:** 8

**Hazard ID no:** 80



**IMDG / IMO**

**UN no:** 2031 **Class:** 8  
**Packing group:** II **EmS:** F-A,S-B  
**Marine pollutant:** NO **Labelling:** 8

**IATA / ICAO**

**UN no:** 2031 **Class:** 8  
**Packing group:** II **Packing instructions:** 807(P&CA); 813(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).  
S28: After contact with skin, wash immediately with plenty of water

**Haz. ingredients (label):** Contains <15% Nitric 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:** R8: Contact with combustible material may cause fire.  
R35: Causes severe burns.

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**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.