



**SAFETY DATA SHEET**  
BLACKFAST 626 POWDER DEGREASER

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Compilation date: 01/08/2011

Revision No: 4

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** BLACKFAST 626 POWDER DEGREASER

**Product code:** 626

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Chemical preparation for degreasing of metal surfaces

**1.3. Details of the supplier of the safety data sheet**

**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

**Email:** sales@blackfast.com

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 7985 975545

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** C: R35; Xi: R37

**Most important adverse effects:** Causes severe burns. Irritating to respiratory system.

**2.2. Label elements**

**Label elements under CHIP:**

**Hazard symbols:** Corrosive.



**Risk phrases:** R35: Causes severe 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

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label where possible).

S28: After contact with skin, wash immediately with plenty of water.

**Precautionary phrases:** Warning! Do not use with other products. May release dangerous gases (chlorine).

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### SODIUM CARBONATE

| EINECS    | CAS      | CHIP Classification | CLP Classification | Percent |
|-----------|----------|---------------------|--------------------|---------|
| 207-838-8 | 497-19-8 | Xi: R36             | -                  | 20-40%  |

##### DISODIUM METASILICATE

|           |           |                 |   |        |
|-----------|-----------|-----------------|---|--------|
| 229-912-9 | 6834-92-0 | C: R34; Xi: R37 | - | 20-40% |
|-----------|-----------|-----------------|---|--------|

##### SODIUM HYDROXIDE

|           |           |        |   |        |
|-----------|-----------|--------|---|--------|
| 215-185-5 | 1310-73-2 | C: R35 | - | 40-60% |
|-----------|-----------|--------|---|--------|

## Section 4: First aid measures

### 4.1. Description of 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. 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.

**Ingestion:** 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. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact. Blistering may occur. Severe burns may occur.

**Eye contact:** There may be pain and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. There may be vomiting and diarrhoea.

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

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**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
Do not create dust.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a suitable container. Wash down the drain with large amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

### 7.2. Conditions for safe storage, including any incompatibilities

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

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

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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**Hazardous ingredients:**

**SODIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL        | 8 hour TWA | 15 min. STEL |
|-------|------------|---------------------|------------|--------------|
| UK    | -          | 2 mg/m <sup>3</sup> | -          | -            |

## 8.2. Exposure controls

**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:** Protective gloves.

**Eye protection:** Safety goggles. Face-shield. Ensure eye bath is to hand.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. Ensure safety shower is to hand.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** White

**Odour:** Barely perceptible odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**pH:** 14

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Moist air.

### 10.5. Incompatible materials

**Materials to avoid:** Magnesium. Aluminium.

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## 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

| Route     | Species | Test    | Value  | Units |
|-----------|---------|---------|--------|-------|
| ORAL      | RAT     | LD50    | 795.9  | mg/kg |
| DERMAL    | RBT     | LD50    | 398.86 | mg/kg |
| DUST/MIST | RAT     | 4H LC50 | 4600   | mg/l  |

#### Relevant effects for mixture:

| Effect      | Route       | Basis                 |
|-------------|-------------|-----------------------|
| Irritation  | INH         | Hazardous: calculated |
| Corrosivity | OPT INH DRM | Hazardous: calculated |

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact. Blistering may occur. Severe burns may occur.

**Eye contact:** There may be pain and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. There may be vomiting and diarrhoea.

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

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

| Species | Test     | Value  | Units |
|---------|----------|--------|-------|
| FISH    | 96H LC50 | 180.89 | mg/l  |

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable in part only.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Soluble in water.

[cont...]

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## 12.5. Results of PBT and vPvB assessment

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

## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Waste code number:** 06 02 04

**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.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3262

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.  
(Contains Sodium Hydroxide)

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

**Phrases used in s.2 and 3:** R34: Causes burns.

R35: Causes severe burns.

R36: Irritating to eyes.

R37: Irritating to respiratory system.

**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.