



SAFETY DATA SHEET

BLACKFAST 250

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Issued: 15/04/2009

Revision No: 1

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

Product name: BLACKFAST 250

Product code: 250

Company name: Blackfast Chemicals Limited

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2. HAZARDS IDENTIFICATION

Main hazards: May cause cancer. Irritating to eyes and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Possible risk of irreversible effects.

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: TRICHLOROETHYLENE >90%

EINECS: 201-167-4 CAS: 79-01-6

[T] R45; [Xi] R36/38; [-] R52/53; [-] R67; [Xn] R68

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. Seek medical attention if irritation or symptoms persist.

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. Transfer to hospital as soon as possible.

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Inhalation: Move to fresh air in case of accidental inhalation of vapours. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Dry chemical powder.

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. If outside keep bystanders upwind and away from danger point.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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. Ensure a retention tank is installed. Avoid incompatible materials and conditions - see section 10 of SDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: TRICHLOROETHYLENE
UK - 8 hour TWA: 550 mg/m³
UK - 15 min. STEL: 820 mg/m³

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

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Solubility in water: Soluble

Boiling point/range°C: 87

Melting point/range°C: -86.4

Autoflammability°C: 410

Relative density: 1.4642

10. STABILITY AND REACTIVITY

Stability: Stable at room temperature.

Conditions to avoid: Heat.

Materials to avoid: Water. Acids. Alkalis. Oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of hydrogen chloride / phosgene.

11. TOXICOLOGICAL INFORMATION

Acute effects: Irritating to eyes and skin. Possible risk of irreversible effects.

CMR effects: May cause cancer.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

12. ECOLOGICAL INFORMATION

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Very 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.

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: 1710

ADR Class: 6.1

Packing group: III

Classification code: T1

Shipping name: TRICHLOROETHYLENE

Labelling: 6.1

Hazard ID no: 60



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IMDG / IMO

UN no: 1710 **Class:** 6.1
Packing group: III **EmS:** F-A,S-A
Marine pollutant: NO **Labelling:** 6.1

IATA / ICAO

UN no: 1710 **Class:** 6.1
Packing group: III **Packing instructions:** 605(P&CA); 612(CAO)
Labelling: 6.1

15. REGULATORY INFORMATION

Hazard symbols: Toxic.



Risk phrases: R45: May cause cancer.
R36/38: Irritating to eyes and skin.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67: Vapours may cause drowsiness and dizziness.
R68: Possible risk of irreversible effects.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53: Avoid exposure - obtain special instructions before use.

Precautionary phrases: Restricted to professional users.

Haz. ingredients (label): Contains >90% Trichloroethylene

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

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Regulation (EC) No 1907/2006.

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

Risk phrases used in s.3: R45: May cause cancer.

R36/38: Irritating to eyes and skin.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

R68: Possible risk of irreversible effects.

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.