



SAFETY DATA SHEET
BLACKFAST 925 WATER BASED OIL MEDIUM

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

Product name: BLACKFAST 925 WATER BASED OIL MEDIUM

Use of substance / preparation: Corrosion prevention for chemically blacked metal surfaces

Company name: Blackfast Chemicals Limited

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Surrey

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2. HAZARDS IDENTIFICATION

Main hazards: Risk of serious damage to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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-METHYLPENTANE-2,4-DIOL 1-10%

EINECS: 203-489-0 CAS: 107-41-5

[Xi] R36/38

- RESIDUAL OILS, PETROLEUM, OXIDISED 10-30%

EINECS: 265-204-6 CAS: 64742-99-0

[Xi] R36

- SODIUM SULPHONATE 1-10%

EINECS: 271-781-5 CAS: 68608-26-4

[Xi] R41

- ALCOHOL ETHOXYLATE 1-10%

CAS: 68155-01-1

[Xi] R41

- BARIUM SULPHONATE 1-10%

EINECS: 263-140-3 CAS: 61790-48-5

[Xn] R20/22

[cont...]

- N,N-METHYLENE BISMORPHOLINE 1-10%
EINECS: 227-062-3 CAS: 5625-90-1
[Xn] R22; [C] R34
- 4-(2-NITROBUTYL)-MORPHOLINE <1%
EINECS: 218-748-3 CAS: 2224-44-4
[Xn] R21/22; [Xi] R38; [Xi] R41; [Sens.] R43; [N]
R50/53

4. FIRST AID MEASURES

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.
- 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. 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:** Water fog. Carbon dioxide.
- 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. Mark out the contaminated area with signs and prevent access to unauthorised personnel.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 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

- 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:** 2-METHYLPENTANE-2,4-DIOL
UK - 8 hour TWA: 123 mg/m³
UK - 15 min. STEL: 123 mg/m³
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Nitrile gloves.
- Eye protection:** Safety goggles.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Dark brown
- Odour:** Barely perceptible odour
- Solubility in water:** Reacts with water.
- Boiling point/range°C:** >100
- Flash point°C:** >100
- Relative density:** 1
- pH:** 7.5

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Materials to avoid:** Acids. Oxidising agents.
- Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of sulphur oxides.

11. TOXICOLOGICAL INFORMATION

- Acute effects:** Risk of serious damage to eyes.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

- Skin contact:** There may be irritation and redness at the site of contact.
An itchy rash may occur at the site of contact.
- Eye contact:** There may be irritation and pain.
- Ingestion:** There may be vomiting and diarrhoea.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

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.

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: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R41: Risk of serious damage to eyes.

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

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye / face protection.

S23: Do not breathe spray

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Precautionary phrases: Contains 4-(2-nitrobutyl)-morpholine. May produce an allergic reaction.

Haz. ingredients (label): CONTAINS <10% SODIUM SULPHONATE; 4-(2-NITROBUTYL)-MORPHOLINE

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: R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R41: Risk of serious damage to eyes.

R20/22: Harmful by inhalation and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R21/22: Harmful in contact with skin and if swallowed.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic 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.