

SAFETY DATA SHEET

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

PRODUCT NAME: BLACKFAST 925 WATER BASED OIL - MEDIUM
APPLICATION: Rust Preventative
COMPANY: Blackfast Chemicals
ADDRESS: 78 Coombe Road, New Malden, Surrey KT3 4QS, England
TEL/FAX NO'S: Tel: 020-8336 2900 Fax: 020-8336 0909

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION: Highly refined mineral oil, emulsifiers and additives

HAZARDOUS INGREDIENTS	< 1%	SYMBOL	RISK PHRASES	CAS
Alcohol etoxylate	5	Xi	R41	68155-01-1
2-Methylpentane-2,4-diol	5	Xi	R36/38	107-41-5
N,N'-Methylene bis morpholine (formaldehyde release agent)	5	Xn	R20/21/22 R36/37/38	5625-90-1
Barium sulphonate	5	Xn	R20/22	61790-48-5
4-(2-Nitrobutyl) morpholine and 4.4'-(2-ethyl-2-nitropropane-1,3- diyl) bismorpholine	1	Xn, N	R21/22, R38 R41, R43, R51/53	2224-44-4 1854-23-5

(All components are EINECS/ELINCS listed or polymer exempt)

3. HAZARDS IDENTIFICATION

Irritant

This product is no classified as hazardous when diluted below 90%

4. FIRST AID MEASURES

INHALATION: This is unlikely to occur under normal operations at room temperature. Remove from contaminated area. Seek medical attention.

INGESTION: Wash out mouth with plenty of water and give a glass of water or milk to drink. Seek immediate medical attention.

SKIN: Remove all contaminated clothing, taking care not to transfer the material to unaffected areas. Drench the area with copious amounts of water. Seek medical attention if irritation persists.

EYES: Bathe eye with water for 15 minutes. Transfer to hospital for specialist examination.

5. FIRE FIGHTING MEASURES

SPECIAL EXPOSURE HAZARD:	Sulphur compounds.
SPECIAL PROTECTIVE EQUIPMENT:	Self-contained breathing apparatus.
EXTINGUISHING MEDIA:	Carbon dioxide, powder, foam or water fog - Do not use water jets.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Spilt product presents a significant slip hazard.
ENVIRONMENTAL:	Prevent entry into drains, sewers and water courses.
SPILLAGE:	Soak up with inert absorbent or contain and remove by best available means.

7. HANDLING AND STORAGE

HANDLING:	Handle and open container with care. Avoid skin and eye contact. Avoid breathing mist. Use only in well ventilated areas. To avoid the possibility of skin disorders, repeated or prolonged contact with products of this type must be avoided. It is essential to maintain a high standard of personal hygiene. This product has been formulated to be used diluted with water. The dilution rate will need to be varied depending on the application. For this information, please refer to the Blackfast Data Sheet.
STORAGE:	Protect from frost. Store out of direct sunlight. Store between 5-40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	Mineral oil 8 hr TWA 5mg/m ³ STEL 10mg/m ³ . EH40 (OES).
ENGINEERING CONTROL MEASURES:	Mechanical methods to minimise exposure must take precedence over personal protective measures. Local exhaust ventilation is recommended.
PERSONAL PROTECTIVE EQUIPMENT:	Safety glasses. Plastic apron. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark brown liquid
ODOUR:	Mild
pH (concentrate):	N/A
pH (working dilution):	7-8 (10%)
BOILING POINT:	Above 100°C
POUR POINT:	Below 0°C
FLASH POINT:	Above 100°C
AUTOIGNITION	Not determined
VAPOUR PRESSURE (kPa at 20°C)	Not determined
RELATIVE DENSITY:	0.92 @ 20°C
WATER SOLUBILITY:	Emulsifiable
FAT SOLUBILITY:	Not determined

10. STABILITY AND REACTIVITY

STABILITY:	Stable, will not polymerise.
CONDITIONS TO AVOID:	Temperatures above 60°C
MATERIALS TO AVOID:	Strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Sulphur compounds.

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Expected oral LD₅₀, rat > 2g/kg.

Expected dermal LD₅₀, rabbit > 2g/kg.

HEALTH EFFECTS

ON EYES:	Irritating.
ON SKIN:	May defat the skin.
BY INHALATION:	Mist and vapours may cause irritation to nose and respiratory tract.
BY INGESTION:	May cause nausea, vomiting and diarrhoea.
CHRONIC:	Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL ASSESSMENT:	May cause ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.
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MOBILITY:	Mobile liquid. Emulsifiable in water.
DEGRADABILITY:	Inherently biodegradable.
BIOACCUMULATIVE:	Not determined.
ECOTOXICITY:	Not determined.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

PRODUCT:	Dispose through and authorised waste contractor to a licensed site. Classified as special waste.
PACKAGING:	Contains hazardous residues, must be disposed of through an authorised waste contractor. May be steam cleaned and recycled.

14. TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

15. REGULATORY INFORMATION

SYMBOL:	Xi	
RISK PHRASES:	R36	Irritating to eyes
SAFETY PHRASES:	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

16. ADDITIONAL INFORMATION

Read the Application data sheet before using this or any Blackfast product. The product is intended for the stated use only. Do not use the product for any other application without obtaining advice from us beforehand.

If this product is for resale, ensure that the purchaser receives a copy of this information. If this product is for end use, ensure that your employees and others who may be affected are aware of the contents of this sheet.

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.