

SAFETY DATA SHEET

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

PRODUCT NAME: BLACKFAST 833 DEWATERING OIL
APPLICATION: Rust preventative and water displacement
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: Hydrocarbon solvent, mineral oil and film forming corrosion preventative.

Ingredients:	Note:	< max %	Classification:	CAS-no:	EU-no:
Petroleum distillate		40-80	Carc2; R45, Xn; R65	64742-82-1	265-185-4
Diacetone alcohol		1-5	Xi; R36	123-42-2	204-626-7

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

3. HAZARDS IDENTIFICATION

Harmful
Flammable

4. FIRST AID MEASURES

INHALATION: Remove from exposure.
INGESTION: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Obtain medical attention. Rinse mouth thoroughly with water and give large amounts of milk or water.
SKIN: Promptly wash contaminated skin with soap or mild detergent. Promptly remove any clothing. Obtain medical attention if symptoms occur after washing.
EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues. Continue for at least 15 minutes.

5. FIRE FIGHTING MEASURES

FLAMMABILITY:	This product is flammable.
FLASH POINT:	38°C min.
EXTINGUISHING MEDIA:	Use foam, dry powder, CO ₂
PRODUCTS OF COMBUSTION:	Mainly oxides of carbon with small amounts of unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Isolate all electrical ignition sources. Spilt product presents a significant slip hazard.
ENVIRONMENTAL:	Prevent entry into drains, sewers and water courses. Risk of concentrating explosive vapours.
SPILLAGE:	Soak up with inert absorbent or contain and remove by best available means. Dispose of as flammable waste.

7. HANDLING AND STORAGE

Keep containers tightly closed. Store drums undercover in racking protected from mechanical impact. If stored outside ingress of water should be avoided e.g. by placing containers on their side. Avoid sources of ignition. A bunded storage area may be required. Compatible with most common metals. May soften certain rubbers. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.
Storage Temp: 5 - 30°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	Petroleum distillate 8 hr TWA 100ppm STEL 10 mins. 125 ppm.
ENGINEERING CONTROL MEASURES:	EH40. Local exhaust ventilation is recommended. All equipment must be electrically grounded. Use flameproof equipment and isolate all potential sources of ignition. Mechanical methods to minimise exposure must take precedence over personal protective measures.
PERSONAL PROTECTIVE EQUIPMENT:	Safety glasses. Impervious gloves (PVC). Plastic apron. Change contaminated clothing immediately and clean before re-use. In case of insufficient ventilation wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Brown liquid
ODOUR:	Characteristic of hydrocarbon solvent and alcohol.
BOILING POINT:	150 - 200°C
FLASH POINT:	38°C min.
AUTOIGNITION:	Above 200°C
EXPLOSIVE PROPERTIES:	0.6 - 3.0%
VAPOUR PRESSURE	Not determined
RELATIVE DENSITY:	0.810 @ 15°C
WATER SOLUBILITY:	Insoluble

10 STABILITY AND REACTIVITY

STABILITY:	Stable, will not polymerise.
CONDITIONS TO AVOID:	Any source of ignition. Temperatures above 30°C.
MATERIALS TO AVOID:	Strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Irritant fumes. Do not breathe products of decomposition.

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:	Causes irritation. Vapour may cause irritation.
ON SKIN:	May defat the skin. May cause irritation.
BY INHALATION:	Mist and vapours may cause irritation to nose and respiratory tract. Vapours may cause headaches, dizziness and central nervous system depression.
BY INGESTION:	May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or vomiting may cause severe chemical pneumonitis.
CHRONIC:	Repeated and prolonged skin contact may lead to skin disorders. Long term vapour inhalation can cause kidney damage.
OTHER:	None known.

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.
MOBILITY:	Volatile. Mobile liquid. Insoluble in water. Contains volatile organic compounds.
DEGRADABILITY:	Volatile organic compounds will undergo photochemical degradation in the atmosphere.
BIOACCUMULATIVE:	Bioaccumulative, however with short retention period of the order of one week or less.
ECOTOXICITY:	Moderately ecotoxic to marine organisms

13. DISPOSAL CONSIDERATIONS

Place used and contaminated materials/packaging in suitable containers. Dispose of the controlled waste in accordance with Duty of Care regulations (Environmental Protection Act 1990 - Section 34(7) using a licensed waste disposal company.

14. TRANSPORT INFORMATION

UN NUMBER:	1300
IMO:	Class 3.3
IATA/ICAO:	Class 3
ADR/GGVS:	Class 3
TRANSPORT NAME:	Turpentine substitute mixture
HAZCHEM/KEMLER CODE:	3[Y]/30
PACKING GROUP:	III
ITEM:	31 ©
MARINE POLLUTANT:	Yes

15. REGULATORY INFORMATION

HAZARDOUS INGREDIENTS:	Low boiling point hydrogen treated naphtha (White spirit).
SYMBOL:	Carc2 Xn F
RISK PHRASES:	R10 Flammable. R45 May cause cancer. R65 Harmful may cause lung damage if swallowed.

SAFETY PHRASES:	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S43	In case of fire use CO2/dry powder/foam - never use water.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S51	Use only in well-ventilated areas.
	S53	Avoid exposure - obtain special instructions before use.
	S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

GUIDANCE FOR PRODUCT RESELLERS

Please note. If this product is intended for retail sale the following safety phrases are obligatory. The regulations recommend 4 safety phrases. These should be featured on the product label and section 15 of the data sheet:

Harmful:	S2	Keep out of reach of children.
	S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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.