

SAFETY DATA SHEET

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

PRODUCT NAME: BLACKFAST 500 SURFACTANT
APPLICATION: Surfactant
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: Surfactant mixture
HAZARDOUS INGREDIENTS: Nonylphenylethoxylates > 25%
SYMBOL: Xn
RISK PHRASES: R22
R41
R53

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

3. HAZARDS IDENTIFICATION Harmful

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

FIRE AND EXPLOSION HAZARDS:	Non flammable but will support combustion.
DECOMPOSITION PRODUCTS:	Oxides of Carbon.
EXTINGUISHING MEDIA:	Water fog, carbon dioxide, dry chemical powder, alcohol resistant foam.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear protective clothes, PVC gloves and eye protection. When dealing with a spill note recommendations in Section 7.
ENVIRONMENTAL: SPILLAGE:	Prevent entry into drains, sewers and water courses. Absorb liquid in absorbent clay granules. Sweep up the spillage and store in sealed plastic containers ready for disposal. Dispose of as special waste. Wash the area with water.

7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Wear impervious (PVC) gloves and eye protection. Store in clean, dry conditions. Prevent from freezing and entry into drains.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	None
PERSONAL PROTECTIVE EQUIPMENT:	Wear impervious PVC gloves, eye protection and plastic apron. Remove contaminated clothing promptly.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Pale yellow liquid
SPECIFIC GRAVITY:	1.07 @ 20°C
SOLUBILITY/MISCIBILITY IN WATER:	Soluble/miscible
FLASH POINT:	> 100°C
pH (10% SOLUTION):	7

10 STABILITY AND REACTIVITY

Stable under normal conditions. Avoid oxidising agents, acid chlorides and acid anhydrides.

11. TOXICOLOGICAL INFORMATION

Nonylphenyl ethoxylates have LD50 > 1300 mg/kg.

Prolonged or repeated exposure to skin may lead to absorption and skin irritation. Contact with eyes may cause severe irritation with corneal injury which may be slow to heal.

Main route of exposure by skin contact or ingestion.

12. ECOLOGICAL INFORMATION

MOBILITY:	Soluble in water. Do not allow entry to drains or ground water.
DEGRADABILITY:	Not degradable.
BIOACCUMULATIVE:	Not known.
AQUATIC TOXICITY:	Fatal to fish and other aquatic life.

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:	All residues to be removed from packaging prior to disposal as controlled waste.

14. TRANSPORT INFORMATION

No special precautions are necessary.

15. REGULATORY INFORMATION

HAZARDOUS INGREDIENTS:	Nonylphenylethoxylates.
SYMBOL:	Xn
RISK PHRASES:	R22 Harmful if swallowed
	R41 Risk of serious damage to eyes
	R53 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.
	S28	After contact with skin wash immediately with plenty of water
	S37/39	Wear suitable gloves and eye/face protection.
	S61	Avoid release to the environment. refer to special instructions/ Safety Data Sheet.

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 advise 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.