

SAFETY DATA SHEET

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

PRODUCT NAME: BLACKFAST 971 NATURAL POLYMER PHOSPHATE
APPLICATION: Conversion coating for aluminium, white metal, steel and zintec.
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: Aqueous solution of inorganic salts and natural accelerants
INGREDIENTS: Proprietary conditioner 1 - 5%
SYMBOL: Xi
RISK PHRASES: R36/38

3. HAZARDS IDENTIFICATION

Irritant
Operating solution is non hazardous.

4. FIRST AID MEASURES

INHALATION: Unless inhaled in steam, this product is unlikely to present problems by inhalation.
Seek medical attention if irritation persists.
INGESTION: Rinse mouth with plenty of water. Drink plenty of water to dilute the product, do not induce vomiting. Seek medical attention.
SKIN: Wash immediately with plenty of water, remove contaminated clothing. Seek medical attention if irritation persists.
EYES: Rinse immediately with plenty of water. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Not flammable, but when heated may evolve toxic and corrosive fumes.
PRECAUTIONS: Keep cool.
EXTINGUISHING MEDIA: Water, CO₂, foam.
NOT SUITABLE EXTINGUISHING MEDIA: None.

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE: Wear protective clothing, gloves and eye protection. Neutralise with soda ash or builders lime before absorbing using clay granules. Dispose of as special waste in consultation with the local Waste Disposal Authority. Wash affected area well with water, flushing to drain.

7. HANDLING AND STORAGE

HANDLING: Keep drums tightly closed when not in use.
STORAGE: Store indoors, avoid freezing conditions, but keep in a cool, well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION: Wear gloves, goggles and overalls when handling this and any other chemical.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Free flowing liquid
pH (concentrate): 1.5 to 3.0
BOILING POINT: > 100°C
DENSITY (kg/m³): 1.02 - 1.10

10. STABILITY AND REACTIVITY

STABILITY: Shelf life at least 12 months.
AVOID BLENDING WITH: Alkalies and any other chemical.
DANGEROUS PRODUCTS OF COMBUSTION: Irritant acidic gases.
DANGEROUS PRODUCTS OF DEGRADATION: Irritant acidic gases.

11. TOXICOLOGICAL INFORMATION

Main route of exposure by skin, eye contact and ingestion. Local contact may cause irritation of the skin and mucus membranes. Inhalation may cause coughing. Ingestion may cause vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECT:	Acidic pH below 5 can be fatal to fish, plankton and sedentary organisms.
MOBILITY:	Soluble in water. Do not allow entry into drain or ground water.
DEGRADATION:	The natural components are biodegradable.

13. DISPOSAL INFORMATION

PRODUCT:	Disposal in accordance with local and national regulations, through an authorised waste contractor to a licensed site.
PACKAGING:	All residues to be removed from packaging prior to disposal as controlled waste.

14. TRANSPORT INFORMATION

ROAD:	No special precautions are necessary.
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15. REGULATORY INFORMATION

SYMBOL:	Xi
CHEMICAL HEALTH HAZARD:	Irritant
RISK PHRASES:	R36/38 Irritating to eyes and skin.
SAFETY PHRASES:	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
	S45 In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible).
	S62 If swallowed, do not induce vomiting: seek medical advise immediately and show this container or label.

16. OTHER INFORMATION

The above information, including health, safety and environmental information and recommended precautions is considered to be accurate at the time of issue. However, no warranty, guarantee or representation whether express or implied is given in respect of its accuracy. The information may not be accurate for all individuals and/or situations and/or applications. It is the obligation and responsibility of users to evaluate this information and to use the product safely and to comply with all applicable laws and regulations.

Blackfast Chemicals shall not be responsible for any damage, injury or loss, consequential or otherwise resulting from the use of the product or from failure to adhere to recommendations.

Development Policy: Blackfast Chemicals has a policy of continuous product development and information contained herein may change without notice.