



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

**JANGRO BB130-5**

Revision August 2009

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO GLASSWASH RINSE AID  
Applications: Rinse-aid for glass washing machines  
Supplier: Jangro Limited, as above

Emergency Contact and Times:  
01772 318 818 Between: 8.30am and 4.45pm Mon - Fri

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
C12-18 Alcohol Ethoxylate			5-10%	Xi; R38. N;R50

The full text for all R-phrases are shown in section 16.

Composition Comments: The ingredients are present in non-hazardous concentrations.

### 4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids.  
Skin: Wash skin with soap and water  
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical if any discomfort continues  
Inhalation: Not relevant. Inhalation unlikely.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.  
Specific Hazards: By heating and fire, harmful vapour/gases may be formed.  
Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special protective clothing (See Sec 8)  
Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to The Environment Agency or other appropriate regulatory body.  
Spillage Clean Up Methods: Small quantities may be flushed to drains with plenty of water. Large spillages Pick Up with vacuum or absorbent solid, store in closed container for disposal.

### 7 HANDLING AND STORAGE

Usage Precautions: No specific usage precautions noted.  
Storage Precautions: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

**8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

Engineering Measures:	Not relevant
Respiratory Equipment:	Respiratory protection not required.
Hand Protection:	No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.
Eye Protection:	None required.
Other Protection:	None required.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Liquid.
Odour:	Faint
Solubility:	Soluble in water
Boiling Pt. (°C):	103
Relative Density:	1.002
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	-3
pH-Value, Conc Solution:	2.1
Colour:	Clear Blue

**10 STABILITY AND REACTIVITY**

Stability:	No particular stability concerns
Materials to avoid :	No incompatible groups noted.

**11 TOXICOLOGICAL INFORMATION**

Toxicological Information:	Refer to section 2.
Other Health Effects:	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

**12 ECOLOGICAL INFORMATION**

Ecotoxicity:	Not regarded as dangerous for the environment
LC 50, 96 Hrs, FISH mg/l	C12-18 Alcohol Ethoxylate (Brachydanio rerio) 0.1-1.0 mg/l
Bio Accumulation:	This product does not contain any substances expected to be bioaccumulating.
Degradability:	Surfactant is readily broken down by effluent treatment process.

**13 DISPOSAL CONSIDERATIONS**

Disposal Method:	Discharge used solutions to drain. Small amounts ( less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.
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**14 TRANSPORT INFORMATION**

General:	Not classified for transport.
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**15 REGULATORY INFORMATION**

Risk Phrases:	NC	Not classified.
Safety Phrases:	S-2 S-46 P-13	Keep out of reach of children. If swallowed seek medical advice immediately and show this container label. Safety data sheet available for professional user on request.
Environmental Listings:	Hazardous Waste (England and Wales) Regulations.	
EU Directives:	Systems of specific information relating to Dangerous Preparation. 2001/58/EC As amended by Directive 93/112/EC and 2001/58/EC and 2006/8/EC	
Statutory Instruments:	Chemicals (Hazards information and packaging) regulations. 2008	
Approved Code of Practice:	The compilation of safety data sheets L130	
Guidance Notes:	Workplace exposure limits EH40. Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.	

**16 OTHER INFORMATION**

Information Sources:	Approved Supply List – HSC (Health and Safety Commission) Material Safety Data Sheet, Misc. manufacturers	
Revision Comments:	Revised in accordance with CHIP 2002 New SDS system Addition of new safety phrase “P-13 safety data sheet available for professional user on request” for a Non classified product that contains >1% of a classified raw material	
Risk Phrases in full:	R-38 R-50	Irritating to skin Very toxic to aquatic organisms.



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## GLASSWASH RINSE AID

### Description

A blend of low foaming surfactants to promote the rapid drying of drinking glasses. Suitable for use in pubs, hotels, restaurants, clubs and bars. For use in all types of automatic glass washing machines.

### Features and Benefits

- Concentrated formulation, economical in use
- Eliminates water spotting. Leaves glasses sparkling and streak free
- Will not affect beer head retention
- Effective in soft, medium and hard water conditions
- Supplied in a natural see-through container to easily check the volume

### How to Use

Dispense into automatic glasswashing machine through an electronic dispenser at a ratio of 1-2ml per litre, in accordance with the machine manufacturers instructions.

### Composition

A blend of low foam non-ionic surfactants, solubilisers, phosphonic acid and dye

### Typical Product Data

Appearance/ Colour:	Liquid. Clear. Blue
Odour:	Faint
Solubility Description:	Soluble in water
pH-Value, Conc:	2.1
Shelf Life Unopened:	Not less than 3 years

### Storage

Store in original sealed container and protect from extremes of temperate

### Biodegradability

All surfactants used in Jangro products comply with the current European Regulations concerning Biodegradability and protection of the environment