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**JANGRO BB025**

Revision April 2004

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO CATERING DESCALER

Supplier: Jangro Limited, as above

### 2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Phosphoric Acid	231-633-2	7664-38-2	10-30%	C	34

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

### 3 HAZARDS IDENTIFICATION

Causes burns

### 4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

Skin: Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Ingestion: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention immediately.

Inhalation: Not relevant. Inhalation unlikely.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

Hazardous Decomposition Products: If involved in fire, may emit noxious fumes.

Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Precautions to Protect Environment: Large spillages or uncontrolled discharge into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

### 7 HANDLING AND STORAGE

Usage: Wear suitable protective clothing, gloves and eye/face protection.

Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: hypochlorite and other oxidising agents.

**8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

<b>INGREDIENT NAME</b>	<b>CAS No</b>	<b>STD</b>	<b>LT EXP (8 hrs)</b>	<b>ST EXP (15 min)</b>
Phosphoric Acid	7664-38-2	OES	1mg/m <sup>3</sup>	2mg/m <sup>3</sup>

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Protective Equipment:



Ventilation:	N/A
Respirators:	N/A
Protective Gloves:	Household rubber gloves
Eye Protection:	Use approved safety goggles or face shield
Other Protection:	Wear suitable protective clothing

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/ Colour:	Liquid/ Clear.Red
Odour:	Faint
Solubility Description:	Soluble in water
Boiling Pt. (°C):	105 @ 760mmHg
Specific Gravity (Water=1):	1.200 @ 20 °C
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	-4
pH-Value, Conc:	2.30

**10 STABILITY AND REACTIVITY**

Stability:	No particular stability concerns.
Materials to Avoid:	Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

**11 TOXICOLOGICAL INFORMATION**

Toxicological Information:	Refer to section 3
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**12 ECOLOGICAL INFORMATION**

Environmental Hazards:	Potentially hazardous due to the acidity of the product.
Bio Accumulation:	Completely soluble. No bioaccumulation.
Degradability:	This product, at use dilutions, is readily broken down in biological effluent treatment plants.

**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 as special waste. Rinse out container with water and consign to normal water.
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14 TRANSPORT INFORMATION

Label for Conveyance:



Road:  
 UN No: 1805  
 Hazard Class (ADR): Class 8: Corrosive substances ADR PACK GR: iii  
 Proper Shipping Name 1: Phosphoric Acid 30% Solution

Rail:  
 Rail Transport Class No: Class 8: Corrosive substances RID PACK GR: iii

Sea:  
 UN Sea: 1805  
 Sea Transport Class No: Class 8: Corrosive substances SEA PACK GR: iii  
 Marine Pollutant: No

Air:  
 UN Air: 1805  
 Air Transport Class No: Class 8: Corrosive substances AIR PACK GR: iii

15 REGULATORY INFORMATION

Label for Supply:



CORROSIVE

Risk Phrases: R-34 Causes burns

Safety Phrases: S-2 Keep out of reach of children.  
 S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
 S-50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

UK Environmental Listings: Control of pollution (special waste) regulations 1980.  
 EC Directives: Systems of specific information relating to Dangerous Preparation. 91/155  
 Statutory Instruments: Chemicals (Hazards information and packaging) regulations.  
 Approved Code of Practice: The compilation of safety data sheets L130  
 Guidance Notes: Occupational exposure limits EH40.  
 Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warrantee, express or implied regarding its correctness.

R-PHASES (Full Text) R-34 Causes burns