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**JANGRO BD061**  
Revision April 2004

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SCRUBBER DRIER POWER

Supplier: Jangro Limited, as above

### 2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	5-10%	XN,Xi	22,41
Trisodium Nitrilo Triacetate	225-768-6	5064-31-3	5-10%	Xi	36/38
Sodium Hydroxide	215-185-5	1310-73-2	0-1%	C	35
Sodium Salt of Alkyl Imino Acid			0-1%	Xi	36/38

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

### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

### 4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids.  
Skin: Wash the skin thoroughly with soap and water. Get medical attention if irritation persists after washing  
Ingestion: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention  
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: If involved in fire, may emit noxious fumes  
Products:  
Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions During Spill: Avoid contact with eyes. Avoid contact with skin.  
Spill:  
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: Avoid contact with skin and eyes.  
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>
Sodium Hydroxide	1310-73-2	OES	No std.	2mg/m <sup>3</sup>

<b>INGREDIENT COMMENTS:</b>	OES = Occupational Exposure Standard
Ventilation:	N/A
Respirators:	N/A
Protective Gloves:	For prolonged or repeated skin contact the use of household rubber gloves is advisable.
Eye Protection:	Eye protection recommended
Other Protection:	Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/ Colour:	Liquid. Clear. Green
Odour:	Slight. Ammonia
Solubility Description:	Soluble in water
Boiling Pt. (°C):	100 @ 760mmHg
Specific Gravity (Water=1):	1.050 @ 20 °C
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	0
pH-Value, Conc:	12.80

**10 STABILITY AND REACTIVITY**

Stability:	No particular stability concerns.
Materials to Avoid:	Strong acids. Aluminium, Tin, Zinc and their alloys.

**11 TOXICOLOGICAL INFORMATION**

Toxicological Information:	Refer to section 3
Other Health Effects:	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

**12 ECOLOGICAL INFORMATION**

Environmental Hazards:	Not regarded as dangerous for the environment
Bio Accumulation:	Completely soluble. No bioaccumulation.
Degradability:	Sequestrant is readily degraded during biological effluent treatment processes.

**13 DISPOSAL CONSIDERATIONS**

Disposal Method:	Discharged 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**

Label for Conveyance:



Road:		
UN No:	3266	
Hazard Class (ADR):	Class 8: Corrosive substances	ADR PACK GR: III
Proper Shipping Name 1:	Corrosive Liquid, Acidic, Inorganic, N.O.S (sodium hydroxide solution)	
Rail:		
Rail Transport Class No:	Class 8: Corrosive substances	RID PACK GR: III
Sea:		
UN Sea:	3266	
Sea Transport Class No:	Class 8: Corrosive substances	SEA PACK GR: III
Air:		
UN Air:	3266	
Air Transport Class No:	Class 8: Corrosive substances	AIR PACK GR: III

**15 REGULATORY INFORMATION**

Label for Supply:

**IRRITANT**

Risk Phrases:	R-36/38	Irritating to eyes and skin
Safety Phrases:	S-2	Keep out of reach of children.
	S-24/25	Avoid contact with skin and eyes
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S-46	If swallowed seek medical advice immediately and show this container label.

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-22	Harmful if swallowed
	R-35	Causes severe burns
	R-41	Risk of serious damage to eyes
	R-36/38	Irritating to eyes and skin