



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Jangro Scrubber Dryer Power  
Applications: Alkaline Liquid Hard Surface Cleaner  
Supplier: Jangro Limited, James House, Worsley Road, Farnworth, Bolton, BL4 9NL  
Telephone : 0845 458 5223  
Fax : 01204 576801  
Email: centraloffice@jangrohq.net  
Emergency Contact and Times: 01772 318 818 Between 8.30am and 4.45pm Mon - Fri

### 2 HAZARDS IDENTIFICATION

Irritating to eyes and skin  
Classification (1999/45): Xi; R36/38

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	5-10%	Xn; R22. Xi;R41
Amino Trimethylene Phosphonic Acid Penta Sodium Salt		2235-43-0	1-5%	Xi; R36/38
Sodium Cumene Sulphonate	250-913-5	32073-22-6	1-5%	Xi; R36
Sodium Hydroxide	215-185-5	1310-73-2	0-1%	C;R35

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

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.  
Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.  
Inhalation: Not relevant. Inhalation unlikely.  
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.  
Specific Hazards: When heated and in case of fire, harmful vapours/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: Avoid contact with eyes. Avoid contact with skin.  
 Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY reported to The Environment Agency or other appropriate regulatory body.  
 Spill Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Larger spillages. Pick up with vacuum or absorbent solid, store in closed container for disposal.

**7 HANDLING AND STORAGE**

Usage Precautions: Avoid contact with skin and eyes  
 Storage Precautions: Store at moderate temperatures in dry, well ventilated areas. Keep in original container. Store away from Oxidising material.

**8 PERSONAL PROTECTION / EXPOSURE CONTROLS**

Name	Std	TWA – 8 hrs	STEL – 15 min	Notes
Sodium Hydroxide	WEL		2 mg/m3	

Ingredient Comments: WEL – Workplace Exposure Limits for COSHH assessments in the UK,  
 ST = Short-Term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours)

Engineering Measures: Not relevant  
 Respiratory Equipment: Respiratory protection not required  
 Hand Protection: For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)  
 Eye protection: Eye protection recommended  
 Other protection: Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Liquid  
 Colour: Clear Blue  
 Odour: Faint surfactant  
 Boiling point (°C): 100  
 Specific Gravity (Water=1): 1.054 @ 20°C  
 Flash Point (°C): Boils without flashing  
 Melting point (°C): 0  
 pH-Value, conc solution: 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 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  
 Bioaccumulation: the product does not contain any substances expected to be bioaccumulating.  
 Degradability: Sequestrant is readily degraded during biological effluent treatment process

**13 DISPOSAL CONSIDERATIONS**

Disposal Methods: Discharge used solutions to drains. 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.

**14 TRANSPORT INFORMATION**

Label for conveyance:



Proper shipping name I:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S (sodium hydroxide solution)
UN No Road:	3266
ADR Pack Group:	111
Rid Pack Group	111
IMDG Class:	Class 8: Corrosive substances
Marine Pollutant:	No
Air Class:	Class 8: Corrosive substances
ADR Class:	Class 8: Corrosive substances
Rid Class No:	Class 8: Corrosive substances
Un No. Sea	3266
IMDG Pack Gr:	111
Un No. Air:	3266
Air Pack Gr:	111

**15 REGULATORY INFORMATION**

Label for supply:



Irritant

Risk Phrases:	R36/38	Irritating to eyes and skin
Safety phrases:	S2	Keep out of reach of children
	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S46	If swallowed seek medical advice immediately and show this Container or label.

Environmental Listings:	Hazardous Waste (England and Wales) Regulations
EU Directives:	System of specific information relating to Dangerous Preparations 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.
Statutory Instruments:	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S. I 2009 No. 716)
Approved code of practice:	The compilation of Safety Data sheets L130
Guidance Notes:	Workplace Exposure Limits EH40. As amended in 2005. 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 & Safety Commission)
	Material Safety Data Sheet, Misc. manufacturers
Risk Phrases In Full:	R35                      Causes severe burns
	R22                      Harmful if swallowed
	R36/38                  Irritating to eyes and skin
	R36                      Irritating to eyes.
	R41                      Risk of serious damage to eyes



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223



## SCRUBBER DRYER POWER

### Description

Heavy duty low foaming alkaline cleaner, for use in a combination scrubber dryer floor machine. Suitable for cleaning a variety of floor surfaces, including vinyl, rubber, asphalt, concrete & unpolished surfaces. Also recommended for the general mopping of badly soiled surfaces.

### Features & Benefits

- For use on a variety of hard floor surfaces.
- Removes heavy soiling with one pass of the machine.
- Ideal for use on factory & warehouse floors.
- Unperfumed, suitable for use in food preparation areas.

### How to Use

#### FOR USE WITH COMBINATION MACHINES:

Add to the solution tank at a concentration of 1-2% (10-20mls per litre) depending on soiling.

#### GENERAL CLEANING:

Dilute 100ml per 5 litres of hot water.

Mop or wipe surface.

### Composition

Contains a blend of amphoteric surfactant, nonionic surfactant, sequestering agent, sodium hydroxide, defoamer & dye.

### Typical Product Data

Appearance:	Clear Blue liquid
Odour:	Characteristic
Specific Gravity (20°C):	1.054
Colour:	Blue
pH – undiluted:	12.8
pH – diluted 1:50	11.0
Shelf Life Unopened:	Not less than 3 years

### Storage:

Store in original sealed container and protect from extremes of temperature.

### Biodegradability:

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