



Jangro Limited
James House
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Farnworth
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PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade name: JANGRO BIO LAUNDRY POWDER
Supplier: Jangro Limited, as above

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Automatic laundry washing powder with enzymes.

Hazardous Ingredients	CAS No	%	Symbol	Risk Phrases
Sodium carbonate	497-19-8	> 30%	Xi	R36
Sodium silicate	1344-09-8	5-15%	C	R34-37
Anionic surfactants		0-5%	Xi	R38/41
Fatty Alcohol Ethoxylate		<5%	Xn, N	R22-41-50
Soap		<5%	Xi	R36/38
Sodium percarbonate	15630-89-4	<5%	O, Xn	R8-22-36/38

3. HAZARDS IDENTIFICATION

May irritate the eyes.

Prolonged or repeated contact may cause slight irritation of the skin.

4. FIRST AID MEASURES

Eye contact: Irrigate thoroughly with water or eye-wash for 15 minutes. Obtain medical attention if irritation persists.
Skin contact: Wash well with running water. Obtain medical attention if symptoms persist.
Inhalation: Remove to fresh air if affected and obtain medical attention.
Ingestion: Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give water to drink. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam or dry chemical.
Not flammable and not considered a fire hazard.

6. ACCIDENTAL RELEASE MEASURES

Small spillages: Sweep, vacuum up dry. Flush away residues with water.
Large spillages: Sweep, vacuum up dry. Flush away residues with water. Do not allow to enter surface waters or groundwater.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes.
Storage: Avoid moisture.
In enclosed original containers and at storage temperature of 20°C product keeps stable for at least 12 month.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Use PVC or rubber gloves if risk of prolonged skin contact and safety glasses if risk of contact with eyes. Respirator suitable for dust.

Workplace Exposure Limits:

Hazardous ingredient	LTEL 8hr Ppm	TWA mg/m3	STEL ppm	mg/m3
Protease enzyme protein CAS 9014-01-1 (<0.1%)	-	0.00004	-	-

Note:

Dust is subject to COSHH when present at concentrations equal to or greater than 10 mg/m3 8-hour TWA of total inhalable dust or 4mg/m3 8-hour TWA of respirable dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder
Odour:	Perfumed
pH (1%):	10.0 – 11.0
Relative Density (20oC):	n/a
Solubility in water:	Soluble
Bulk density (g/l):	ca. 650

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Heat and moisture.
Hazardous decomposition	None when stored and handled correctly.
Materials to avoid:	Contact with other chemicals.

11. TOXICOLOGICAL INFORMATION

Inhalation:	No risk in normal use.
Skin:	May irritate particularly on prolonged or repeated contact
Eye:	May cause irritation.
Ingestion:	Large quantities may cause gastro-intestino irritation, possibly vomiting.

12. ECOLOGICAL INFORMATION

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

13. DISPOSAL CONSIDERATIONS

Product:	Where practical, waste or surplus material should be recovered and recycled. Dispose of according to national and local authority regulations for via an appropriately licensed waste contractor.
Waste code no.:	20 01 30
Packaging :	Packaging is recyclable and, where practical, containers and packaging should be recycled by a licensed contractor.

14. TRANSPORT INFORMATION

UN No.	-
Road Carriage	Not classified as dangerous
Marine Pollutant	No
Intrastat/Commodity Code:	3402-90-90

15. REGULATORY INFORMATION

CHIP Classification: Not classified as dangerous

Hazrad Symbol -

Risk Phrases -

Safety phrases:

S2	Keep out the 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.
S28	After contact with skin, wash immediately with plenty of water.
S46	If swallowed, seek medical advice immediately and show the container or label.

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.

Text of the R-phrases that are allocated to the ingredients listed in section 2 of this safety data sheet:

R8 Contact with combustible material may cause fire.

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes

R36/38 Irritating to eyes and skin

R37 Irritating to respiratory system

R38 Irritating to skin

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms



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BIO LAUNDRY POWDER

Description

Proven to be a match for the market leader. Whiter whites and a fresh perfume makes Jangro Bio hard to beat.

Features and Benefits

- Phosphate Free – Kinder on water courses and our natural environment.
- Effective at all temperatures
- Leaves laundry smelling fresh and clean

How to Use

Dosage Instructions		
	Soft Water	Hard water
Pre-wash Wash	1 Cup – 1½ Cups	1½ - 2 Cups
Without Pre-wash	2½ Cups	3 Cups

1 Cup = 135ml of powder.

Quantities given are intended as a guide only based on 4-5kg of laundry.

Typical Product Data

Appearance: White powder
Odour: Perfumed
pH (1%): 10.0 – 11.0

Storage:

Store in a cool and dry place.

Biodegradability:

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