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JANGRO BB090-10

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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO DISHWASHING POWDER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification.

5-10% Sodium metasilicate
CAS: 6834-92-0 EINECS: 229-912-9 UN1759 Symbols: Corrosive Risk Phrases: 34, 37
Low formulation content of sodium metasilicate changes the product classification to Irritant.

Over 30% Phosphates

Less than 5% Chlorine based Bleaching Agent.

3 HAZARDS IDENTIFICATION



IRRITANT

Cascade machine dishwashing powder contains Sodium Metasilicate. This can cause irritation to the skin and therefore the product is classified as irritant. Do not mix with any other chemicals particularly acids as chlorine gas can be liberated. If inhaled could damage the mucous membranes.

4 FIRST AID MEASURES

Eyes: Irrigate the eye immediately with eyewash solution and seek medical advice.
Skin: Irrigate the affected area with water for 15 minutes. Where clothing has been contaminated, remove the clothing and irrigate the underlying skin with water as above. Contaminated clothing must be laundered before re-use.
Ingestion: If taken orally internal damage can result. Remove dentures if worn and drink copious amounts of water. Medical advice should be sought immediately.
Inhalation: Remove the affected person to fresh air, rest and keep warm. Seek medical advice.

5 FIRE FIGHTING MEASURES

Product is non combustible. Heat can cause liberation of small amounts of chlorine gas. Hose down with water to keep cool.

6 ACCIDENTAL RELEASE MEASURES

Small spillages can be flushed away with water.

Larger spillages are mixed with sand or earth and removed in a suitable container for transfer to an approved chemical tip. Alternatively flush to drain with copious quantities of water.

7 HANDLING AND STORAGE

Usage: Operators are recommended to wear rubber gloves.
Storage: Store in dry conditions away from foodstuffs. Keep lid firmly on container. Keep out of reach of children.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS**SAFE HANDLING.**

Irritant product. Gloves should be worn to prevent direct skin contact.
Handle heavy containers with care, lift keeping back straight by bending knees.
Handle powder carefully so as to not produce dust, avoid contact with eyes.
Do not mix with other chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: White granular powder.
Odour: None
Solubility Description: Fully soluble
Bulk Density: 900-1000kg per cu meter
Mean particle size: Not determined
Flash Pt. (°C): Not inflammable.
Explosive limits in air: None
pH (1% Solution): 10.5-11.5

10 STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.
Substances to avoid: Do not mix with other chemicals particularly acids as chlorine gas could be liberated.
Hazardous decomposition products: Chlorine gas as above.

11 TOXICOLOGICAL INFORMATION**HEALTH HAZARD**

Inhalation: Inhalation of chlorine gas may cause corrosion of the mucous membrane.
Skin Contact: Mildly aggressive to skin.
Eye Contact: Alkaline powder can cause permanent eye damage.
Ingestion: If taken orally internal damage can result.

12 ECOLOGICAL INFORMATION

pH above 9 has a corrosive effect on fish (with possible fish deaths).

13 DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of contaminated material and packaging to an approved chemical tip.

14 TRANSPORT INFORMATION

Only transport in original containers. Never transport containers lying on their side, only transport in upright position. Unless containers are palletised never transport stacked more than two high.

15 REGULATORY INFORMATION

Complies to the Chemical (Hazard Information and Packaging for Supply) Regulations.

Symbol:	Xi Irritant	
Risk Phrases:	R-36/38	Irritating to eyes and skin.
	R52	Harmful to aquatic organisms.
	R53	May cause long-term adverse effects in the aquatic environment.
Safety Phrases:	S-2	Keep out of reach of children.
	S-26	In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
	S-27	Take off immediately all contaminated clothing.
	S-28	After contact with skin, wash immediately with plenty of water.
	S-37	Wear suitable rubber gloves.
	S-50	Do not mix with any other chemicals.

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.