



Jangro Limited
James House
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Farnworth
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JANGRO BB088-25
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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO TRAY WASH DETERGENT
Applications: Detergent, for food industry.
Supplier: Jangro Limited, as above
Emergency: 01772 318818 (8.30am – 4.45pm)

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk (R No.)
Sodium Disilicate		1344-09-8	10-20%	Xi	R37/38, R41

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

3 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes.
CLASSIFICATION: Xi;R41,R38

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 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 product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Specific Hazards: 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 eye/face protection. Avoid contact with skin
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 eye protection. Avoid contact with skin
Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from:
Oxidising material.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Protective Equipment:



Engineering Measures: Not applicable.
Respiratory Equipment: None required.
Hand Protection: For prolonged or repeated skin contact the use of household rubber gloves is advisable
Eye Protection: Use eye protection
Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid / Clear Amber
Odour: Faint surfactant
Solubility Description: Soluble in water
Boiling Pt. (°C): No data
Relative Density: 1.130 @ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): No data
pH-Value, Conc. Solution: 12.50

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.
Materials to Avoid: Strong acids.

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

Ecotoxicity: Potentially hazardous due to the alkalinity 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 by approved waste contractor. Consign empty container to normal waste.

14 TRANSPORT INFORMATION

General: Not classified for Transport.

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Contains	Sodium Disilicate	
Risk Phrases:	R-41 R-38	Risk of serious damage to eyes. Irritating to skin
Safety Phrases:	S-2 S-39 S-24 S-26 S-46	Keep out of reach of children. Wear eye/face protection Avoid contact with skin In case of contact with eyes, rinse immediately with plenty of water and seek medical advice If swallowed seek medical advice immediately and show this container label.
Environmental Listings:	Control of Pollution (Special Waste) Regulations 1980.	
EU Directives:	Systems of specific information relating to Dangerous Preparation.2001/58/EEC. As amended by Directive 93/112/EC and 2001/58/EC	
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

Information Sources:	Approved Supply List – HSC Material Safety Data Sheet, Misc manufacturers	
R-PHASES (Full Text)	R-37/38 R-41	Irritating to respiratory system and skin. Risk of serious damage to eyes



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TRAY WASH DETERGENT

Description

Low foaming detergent for removing difficult grease and burnt-on food debris from aluminium caustic sensitive surfaces by machine or manual washing.

Features and benefits

- High efficient, low foaming detergent
- Ideal in kitchens and bakeries for cleaning aluminium trays, utensils, plastic, glazed pots and other metal utensils
- Effective in hard or soft water conditions

How to Use

Machine Washing: Dispenser into automatic machine through an electronic dispenser at a ratio of 205ml per litre, at 55-70 °C, or in accordance with machine manufacturers instructions.

Manual Washing: Dilute up to 15ml per 5 litres of hot water, depending on soiling and water hardness. Immerse trays and utensils in solution until soiling is loosened, remove by brushing or scrubbing. Rinse with clean water.

Typical Product Data

Appearance/ Colour:	Liquid / Clear Amber
Odour:	Faint surfactant
Solubility Description:	Soluble in water
Boiling Pt. (°C):	No data
Relative Density:	1.130 @ 20 °C
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	No data
pH-Value, Conc. Solution:	12.50
Appearance/ Colour:	Liquid / Clear Amber

Packaging:

25 litre

Storage:

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

Biodegradability:

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