



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 TRAY WASH DETERGENT  
Applications: Detergent, for food industry.  
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 skin. Risk of serious damage to eyes.  
CLASSIFICATION: Xi;R41,R38

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Sodium Disilicate		1344-09-8	10-20%	Xi;R37/38. R41

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

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.  
Skin Contact: 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: By heating and 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: Wear eye/face protection. (See Sec 8) Avoid contact with skin  
Environmental Precautions: Spillages or uncontrolled discharge into watercourses must be IMMEDIATELY reported to The Environment Agency or other appropriate 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 relevant.  
Respiratory Equipment: Respiratory protection not required.  
Hand Protection: For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)  
Eye Protection: Use eye protection  
Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Liquid  
Colour: Clear Amber  
Odour: Faint surfactant  
Solubility: Soluble in water  
Boiling Point. (°C): No data  
Relative Density: 1.130 @ 20 °C  
Flash Point. (°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 2  
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  
Bioaccumulation: The product does not contain any substances expected to be bioaccumulating.  
Degradability: This product, at use dilutions, is readily broken down in biological effluent treatment planes.

**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

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 Listing:	Hazardous Waste (England and Wales) Regulations.
EU Directives:	Systems of specific information relating to Dangerous Preparation.2001/58/EEC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.
Statutory Instruments:	Chemicals (Hazards Information and Packaging) Regulations. 2008.
Approved Code of Practice:	The compilation of safety data sheets L130
Guidance Notes:	Workplace 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 (Health & Safety Commission) Material Safety Data Sheet, Misc manufacturers
Risk Phrases in full:	R-37/38 Irritating to respiratory system and skin. R-41 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.