



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO TOILET & WASHROOM CLEANER DESCALER  
Applications: Acidic descaling toilet cleaner and hard surface cleaner for washrooms  
Supplier: Jangro Limited, as above  
Emergency: 01772 318 818 Between: 8.30am and 4.45pm

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Sulphamic Acid	226-218-8	5329-14-6	5-10%	Xi;R36/38 R52/53
Alcohol (C9-11) Ethoxylate (8EO)		68439-46-3	1-5%	Xn;R22 Xi;R41
Turpentine, Oil	232-350-7	8006-64-2	0-1%	R10 Xn;R20/21/22, R65 R43 Xi; R36/38 N;R51/53

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

Composition Comments: The ingredients are present in non-hazardous concentrations.

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eyes lids.  
Skin Contact: Wash skin thoroughly with soap and water.  
Inhalation: Not relevant. Inhalation unlikely.  
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

### 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: No special protective clothing.  
Environmental Precautions: Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.  
Spill cleanup methods: Small quantities may be flushed to drains with plenty of water. Larger spill: absorb in vermiculite, dry sand or earth and place into containers. Send for disposal by approved waste contractor.

**7 HANDLING AND STORAGE**

Usage Precautions: No specific usage precautions noted.  
 Storage Precautions: Store at moderate temperatures in dry, well ventilated area. Keep in original container.  
 Store away from Oxidising material.

**8 PERSONAL PROTECTION / EXPOSURE CONTROLS**

Name	Std	LT – ppm	LT – mg/m3	ST - ppm	ST – mg/m3
Turpentine, Oil	WEL	100 ppm	566 mg/m3	150 ppm	850 mg/m3

## Ingredient Comments:

WEL = Workplace Exposure Limit for COSHH assessments in the UK

ST = Short-term Exposure Limit (15 minute) &amp; LT = Long-Term Exposure Limit (8 hours)

Engineering Measures: Not relevant.  
 Respiratory Equipment: None required.  
 Hand protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.  
 Eye protection: None required.  
 Other protection: None required.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Viscous Liquid.  
 Colour: Turquoise  
 Odour: Floral  
 Solubility Description: Soluble in water  
 Boiling point (°C): 101  
 Relative Density: 1.040 @ 20°C  
 Flash Point °C: Boils without flashing  
 Melting Point (°C): -1  
 pH-Value conc: 1.30

**10 STABILITY AND REACTIVITY**

Stability: No particular stability concerns  
 Materials to avoid: Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

**11 TOXICOLOGICAL INFORMATION**

Toxicological Information: Refer to section 3  
 Other health effects: Low oral toxicity, but may cause irritation of the gastro-intestinal tract.

**12 ECOLOGICAL INFORMATION**

Ecotoxicity: Not regarded as dangerous for the environment.  
 Bio accumulation: Completely soluble. No bio accumulation.  
 Degradability: This product, at use dilutions, is readily broken down in a biological effluent treatment plants.

**13 DISPOSAL CONSIDERATIONS**

Disposal Methods: Discharge used solutions to drains. Small amounts (less than 5 litres) of unwanted product may be flushed to sewer with water. 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:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (sulphamic acid)		
UN Number Road:	3264		
Hazard Class (ADR):	Class 8: Corrosive Substances	ADR Pack GR:	III
Rail:			
Rail transport class no:	Class 8: Corrosive substances	RID Pack GR:	III
Sea:			
UN Sea:	3264		
Sea transport class No:	Class 8: Corrosive substances	SEA Pack GR:	III
Marine pollutant:	No		
Air:			
UN Air:	3264		
Air Transport Class No:	Class 8: Corrosive Substances	AIR Pack GR:	III

15 REGULATORY INFORMATION

Risk Phrases:	NC	Not classified
Safety Phrases:	S2	Keep out of reach of children
	S46	If swallowed seek medical advice immediately and show this container label.
	P13	Safety data sheet available for professional user on request.
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 and 2001/58/EC	
Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations 2005	
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 Material Safety Data Sheet, misc. manufacturers	
R-Phrases:	R10	Flammable.
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
	R22	Harmful if swallowed
	R36/38	Irritating to eyes and skin.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitisation by skin contact.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed



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## TOILET & WASHROOM CLEANER DESCALER

### Description

Quick acting cleaner for removal of body fat, soap scum and limescale. Suitable for use on porcelain, stainless steel, ceramic and quarry tiles. Suitable for use in all water conditions.

### Features & Benefits

- Quickly removes body fat, soap scum and limescale
- Leaves taps and chrome fittings clean and bright
- Leaves a clean fresh fragrance
- Suitable for use in all water conditions

### How to Use

Toilet Bowls & Urinals      Flush toilet or urinal. Force water around S bend with toilet brush. Apply undiluted and leave for a few minutes, agitate with brush if necessary. Flush with clean water.

Sinks, Baths & Tiles      Apply undiluted, wipe with a damp cloth and rinse with clean water.

NOT SUITABLE FOR VITREOUS ENAMEL

### Typical Product Analysis

Appearance:	Viscous Liquid.
Colour:	Turquoise
Odour:	Floral
pH-Value conc:	1.30

### Biodegradability

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

### Storage Information

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