



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 TOILET & WASHROOM CLEANER DESCALER
Applications: Acidic Descaling Toilet Cleaner and Hard Surface Cleaner for washrooms
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

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: 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: No special protective clothing. (See Sec 8.)
 Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY reported to The Environment Agency or other appropriate regulatory body.
 Spill cleanup methods: Small quantities may be flushed to drains with plenty of water. Larger spillages pick up with vacuum or absorbent solid, store in closed container for disposal.

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	TWA – 8 hrs		STEL – 15 min	
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) & LT = Long-Term Exposure Limit (8 hours)

Engineering Measures: Not relevant.
 Respiratory Equipment: Respiratory protection not 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: Aqua
 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 solution: 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 2
 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.
Bioaccumulation: The product does not contain any substances expected to be bioaccumulating.
Degradability: Surfactant is readily broken down by effluent treatment process.

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 No Road: 3264
ADR Pack GR: III
RID Pack GR: III
IMDG Class: Class 8: Corrosive substances
Marine Pollutant: No
Air Class: Class 8: Corrosive substances
ADR Class: Class 8: Corrosive substances
Rid Class No: Class 8: Corrosive substances
UN No. Sea: 3264
IMDG Pack Gr: III
UN No Air: 3264
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, 2001/58/EC and 2006/8/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



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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:	Aqua
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.