



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 WASHROOM SANITISER  
Applications: Acidic descaling toilet cleaner and hard surface cleaner for washrooms  
Supplier: Jangro Limited, as above

Emergency Contact and Times:  
01772 318 818 Between: 8.30am and 4.45pm

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
Phosphoric Acid....%	231-633-2	7664-38-2	1-5%	C;R34
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn; R22. Xi;R41
Sodium Hydroxide	215-185-5	1310-73-2	0-1%	C;R35
Quarternary Ammonium Compounds	264-151-6	63449-41-2	0-1%	C;R34 Xn; R21/22 N;R50

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

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

### 3 HAZARDS IDENTIFICATION

Not regarded as health or environmental hazard under current legislation

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids  
Skin Contact: Wash skin 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 material is not flammable. Use extinguishing media appropriate for surrounding fire.  
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 during spill: 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 clean up 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 areas. 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
Phosphoric Acid...%	WEL		1 mg/m3		2 mg/m3
Sodium Hydroxide	WEL				2 mg/m3

Ingredient Comments: WEL – Workplace Exposure Limits  
Engineering Measures: N/A  
Respiratory Equipment: N/A  
Hand Protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from the skin  
Eye protection: N/A  
Other protection: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous liquid  
Colour: Clear blue  
Odour/Taste: Floral  
Solubility Description: Soluble in water  
Boiling Point (°C): 101@760mmHg  
Specific gravity (Water=1): 1.024@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 ingestion 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: Surfactant is readily broken down by effluent treatment process

13 DISPOSAL CONSIDERATIONS

Disposal Methods: 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

Label for conveyance:



Road:  
UN Number: 3264  
Hazard Class (ADR): Class 8: Corrosive Substances ADR Pack GR: III  
Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid, liquid)

Rail:  
Rail Transport Class: 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: Not classified

Safety Phrases: S-2 Keep out of reach of children  
S-46 If swallowed seek medical advice immediately and show this container label  
P-13 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 91/155  
As amended by Directive 93/112/EC and 2001/58/EC  
Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations 2002  
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 (Full Text): R-22 Harmful if swallowed  
R-34 Causes burns  
R-41 Risk of serious damage to eyes  
R-21/22 Harmful in contact with skin and if swallowed  
R-50 Very toxic to aquatic organisms



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223



## WASHROOM SANITISER

### Description

Multi surface, thickened toilet & washroom bactericidal cleaner. Removes limescale, body fat & general soiling from porcelain, stainless steel, chrome, ceramic & quarry tiles in toilets, washrooms & shower areas. When used on a regular basis it will help prevent the build up of scale & also keep drains & outlet pipes free from offensive odour.

### Features & Benefits

- Quick & efficient cleaning action.
- Clings to vertical surfaces, allowing longer contact for better cleaning.
- Suitable for use on both porcelain & stainless steel.
- Kills a range of bacteria. Passes BSEN 1276.
- Long lasting deodorising perfume, leaves a clean, fresh fragrance.
- Packed in 1ltr angled neck bottle for cleaning under the toilet rim.
- Packed in a 5lt bottle for extra economy.

### How to Use

#### TOILET & URINALS:

Apply undiluted onto surface, leave for a few minutes, agitate with brush if necessary and flush with clean, cold water.

#### GENERAL CLEANING:

Dilute 100ml per 5 litres of hot water. Wipe surface with damp cloth. Rinse with clean water.

### Composition

Contains a blend of phosphoric acid, viscosity builder, nonionic surfactants, quaternary ammonium compound, perfume & dye.

### Typical Product Data

Appearance:	Clear viscous liquid
Odour:	Floral
Specific Gravity (20°C):	1.025
Colour:	Turquoise
pH – undiluted:	1.30
pH – diluted 1:50	2.50
Shelf Life Unopened:	Not less than 3 years

### Storage

Store in original sealed container and protect from extremes of temperature

### Biodegradability

All surfactants used in Jangro products comply with current European Regulations regarding biodegradability and protection of the environment