



Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton
 BL4 9LU

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

1.1 Product identifier

Product Name: Jangro- Washroom Sanitiser
 Internal Id: BC030-1 & BC030-5

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Acidic Descaling Toilet Cleaner and Hard Surface Cleaner for Washrooms

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton, UK
 BL4 9LU
 Tel; 0845 458 5223
 Fax; 01204 576 801
Enquiries@jangrohq.net

1.4 Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (1999/45/EEC) Not classified

2.2 Label elements

Risk Phrases	NC	Not classified
Safety Phrases	S2	Keep out of the reach of children.
	S46	If swallowed, seek medical advice immediately and show this container or label.
	P13	Safety data sheet available for professional user on request.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

PHOSPHORIC ACID ...%	1-5%
CAS No.: 7664-38-2	EC No.: 231-633-2
Classification (EC 1272/2008) Skin Corr. 1 B- H314	Classification (67/548/EEC) C;R34

ALCOHOL (C9-11) ETHOXYLATE (8OE)		1-5%
CAS No.: 68439-45-3	EC No.:	
Classification (EC 1272/2008) Acute Tox.4 – H302 Eye Dam. 1 – H318	Classification (67/548/EEC) Xn;R22 Xi;R41	

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE		0-1%
CAS No.: 68424-85-1	EC No.: 270-325-2	
Classification (EC 1272/2008) Acute Tox. 4 – H302 Acute Tox. 4 – H312 Skin Corr. 1B – H314 Aquatic Acute 1 – H400	Classification (67/548/EEC) Xn;R21/22 C;R41 N;R50	

The full text for all R-Phrases and Hazard statements are displayed in section 16.

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- 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.
- Skin Contact** Wash skin with soap and water
- Eye Contact** Promptly wash eyes with plenty of water while lifting the eye lids.

4.2 Most important symptoms and effects, both acute and delayed

- General Information** The severity of the symptoms described will vary dependent of the concentration and the length of exposure.
- Inhalation** No specific symptoms noted
- Ingestion** No specific symptoms noted.- But may cause discomfort if swallowed.
- Skin contact** No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
- Eye contact** No specific symptoms noted. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media This product is not flammable. Use fire- extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, harmful vapours/ gases may be formed.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters; Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

No special protective clothing. (see sec 8)

6.2 Environmental precautions

Spillage or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large spillages pick up with vacuum or absorbent solid, store in closed container for disposal.

6.4 Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No specific usage precautions noted.

7.2 conditions for safe storage, including any incompatibilities.

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material. Eg. Hypochlorite / Bleach.

7.3 specific end use (s)

The identified uses for this product are detailed in section 1.2

Usage Description; See product information sheet & label for detailed use of this product.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS

8.1 Control parameters

Name	STD	TWA- 8hrs	STEL – 15 Min	Notes
PHOSPHORIC ACID ...%	WEL	1mg/m3	2mg/m3	

Ingredient comments

STEL= Short term exposure limit (15 minute) & TWA= Time weighted average (8hours)

8.2 Exposure controls

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous Liquid

Colour: Clear Blue

Odour: Floral

Solubility: Soluble in water

Initial boiling point and boiling range 101

Melting point (°c) -1

Relative density 1.024 @ 20°c

pH-value, conc. Solution 1.30

Flash point Boils without flashing

9.2 Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reacts with alkalis and generates heat

10.2 Chemical Stability

No particular stability concerns

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5 Incompatible materials

Materials to avoid; Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

10.6 Hazardous decomposition products

No hazard decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Toxicological Information: We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

Other Health effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Degradability: Surfactant is readily broken down by effluent treatment process.

12.3 Bioaccumulative potential

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

Mobility: Not known.

12.5 results of PBT and vPvB assessments

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Discharge used solution 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 as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

UN No. (ADR/RID/ADN)	3264
UN No. (IMDG)	3264
UN No. (ICAO)	3264

14.2 UN proper shipping name

Proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (phosphoric acid solution)

14.3 Transport hazard class(es)

ADR/RID/ADN Class	Class 8: Corrosive substances
IMDG Class	Class 8: Corrosive substances
ICAO Class/Division	Class 8: Corrosive substances

Transport labels

**14.4 Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5 Environmental hazards

Environmentally hazardous substance/ marine pollutant: No.

14.6 Special precautions for user

EMS	F-A, S-B
Tunnel Restriction Code	(E)

14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC code

Not relevant for packaged product.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture.

Guidance notes

Workplace Exposure Limits EH40

EU Legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC – classification, packaging & labelling of dangerous substances & GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical Safety Assessment

Not applicable this product is a mixture.

SECTION 16: OTHER INFORMATION

Information Sources: Material Safety Data Sheet, Misc. manufacturers. CLP Class – Table 3.1 list of harmonised classification and labelling of hazard substances. CHIP Class – Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revisions comments: New Format Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). – No change in Product Classification – main change is the move of Labelling elements from section 15 to section 2 & section 3 now has a different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision: Issue 5

Safety Data Sheet Status: The Risk phrases/ hazard statements listed below in this section No 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and not the product itself. For the risk phrases/ hazard statements relating to this product see section 2.

Risk phrases in full

R34 Causes burns
R22 Harmful if swallowed
R21/22 Harmful in contact with skin and if swallowed
NC Not classified
R41 Risk of serious damage to eyes
R50 Very toxic to aquatic organisms.

Hazard Statements in full

H318 Causes serious eye damage
H314 Causes severe skin burns and eye damage
H302 Harmful if swallowed
H312 Harmful in contact with skin
H400 Very toxic to aquatic life



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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