



Jangro Limited
James House
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Farnworth
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Tel. 0845 458 5223

JANGRO BC060

Revision 01/10/2012

PRODUCT SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: JANGRO ACIDIC TOILET CLEANER & LIMESCALE REMOVER
Product Number: A072 JA
Internal Id: BC060-5 & BC060-1

1.2 Relevant identified uses of the substances 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
James House
Worsley Road
Farnworth
Bolton, UK
Tel: 0845 458 5223
Fax: 0120 576 801
centraloffice@jangrohq.net

1.4 Emergency telephone number

01772 318 818 Between: 8.30am and 4.45pm Mon to Fri

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (1999/45/EEC) Xi; R36/38

2.2 Label elements

Labelling



Irritant

Risk Phrases

R36/38 Irritating to eyes and skin.

Safety Phrases

S2 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately and show this container or label.
S50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredient Name	EC No.	CAS No.	Content	Classification	
Phosphoric Acid ...%	231-633-2	7664-38-2	10-20%	(EC 1272/2008) Skin Corr. 1B – H314	(67/548/EEC) C;R34
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	1-5%	(EC 1272/2008) Acute Tox. 4 – H302 Eye Dam. 1 – H318	(67/548/EEC) Xn;R22 Xi;R41

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Not relevant. Inhalation unlikely. In case of inhalation of spray mist: Move person into fresh air and keep at rest.

Ingestion

DO NOT INCLUDE VOMITTING! Drink a few glasses of water or milk. Get medical attention.

Skin contact

Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms is described will vary dependant of the concentrated and length of the exposure.

Inhalation

Irritation of the nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation, Prolonged skin contact may cause redness and irritation.

Eye contact

May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

4.3 Indication of any immediate medical attention and special treatment needed.

Treat Symptomatically.

SECTION 5: FIREFIGHTING 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.

Avoid contact with eyes.

6.2 Environmental precautions

Spillages 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

Avoid contact with skin and eyes.

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: (eg Hypochlorite/Bleach) Oxidising material.

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: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Name	Std	TWA – 8 hrs		STEL – 15 min		Notes
Phosphoric Acid ...%	WEL		1 mg/m3		2 mg/m3	

INGREDIENT COMMENTS: WEL = Workplace Exposure Limit for COSHH assessments in the UK, STEL = Short-Term Exposure Limit (15 minute) & TWA = Time Weighted Average (8 hours).

8.2 Exposure controls

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: Eye protection recommended.
 Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Viscous Liquid.
 Colour: Clear Blue
 Odour: Wintergreen
 Solubility: Soluble in water
 Boiling Pt. (°C): 103
 Melting Point: (°C): -3
 Relative density 1.109 @ 20 °C
 pH-Value, Conc. Solution: 1.00
 Flash point Boils without flashing.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

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 hazardous 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**

The product may affect the acidity (pH factor) in water with risk of harmful effects to aquatic organisms.

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 effluent treatment process.

12.3 Bioaccumulative potential

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

12.4 Mobility in soil

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 by approved waste contractor. Rinse out empty container with water and consign to normal waste.

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

UN No. (ADR/RID/AND) 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 hazardous substances. CHIP Class- Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revision comments: New Format Safety 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 different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision Issue 6

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 Sections 2.

RISK PHRASES IN FULL	R34	Causes burns
	R22	Harmful if swallowed.
	R36/38	Irritating to eyes and skin.
	R41	Risk of serious damage to eyes.
HAZARD STATEMENTS IN FULL		
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H314	Causes severe skin burns and eye damage.
	H315	Causes skin irritation.
	H302	Harmful if swallowed.



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ACIDIC TOILET CLEANER & LIMESCALE REMOVER

Description

Powerful, high active acid based cleaner and descaler. It will descale, remove heavy soil and body fat, and leave a clean fresh medicated smell. Suitable for use on a variety of hard surfaces including porcelain, stainless steel, chrome, ceramic & quarry tiles.

Features & Benefits

- Quick & effective action removes the most stubborn stains.
- Clings to vertical surfaces, allowing longer contact for better cleaning.
- Suitable for use on both porcelain & stainless steel.
- Effective in hard & soft water areas.
- Packed in 1lt angled neck bottles for cleaning under the toilet rim.
- Available in 5lt bottle for maximum economy.

How to Use

STUBBORN STAINS & DESCALING: Apply undiluted onto surface and leave for a few minutes, agitate if necessary.

REMOVING BODY FAT: Dilute 200ml per 5 litres of hot water.

STAINLESS STEEL & PORCELAIN: Dilute 100ml per 5 litres of hot water.

**LIGHT SOILAGE, WALLS,
CERAMIC TILES:** Dilute 20ml per 5 litres of hot water.

Mop or wipe surface. Always rinse with clean water.

NOT SUITABLE FOR VITREOUS ENAMEL OR FIBREGLASS.

Typical Product Data

Appearance:	Viscous liquid
Colour:	Clear blue
Relative Density (20°C):	1.109
Odour:	Wintergreen
pH – conc. solution:	1.00
Solubility:	soluble in water
Shelf Life Unopened:	Not less than 3 years

Packaging

Pack:
12 x 1ltr
5 ltr

Storage

Store in original sealed container and protect from extreme cases of temperature

Biodegradability:

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