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JANGRO BC060

Revision April 2004

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO ACIDIC TOILET CLEANER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Phosphoric Acid	231-633-2	7664-38-2	10-30%	C	34
Oleyltrimethylammonium Chloride	233-938-6	10450-69-8	1-5%	Xn,C,N	22,34,50
Propan-2-OL	200-661-7	67-63-0	1-5%	F,Xi	11,36,67
Tallowbis(2-Hydroxyethyl)Amine Oxide	263-179-6	61791-46-6	1-5%	Xn	38,41,50
Ammonium Chloride	235-186-4	12125-02-9	1-5%	Xn	22,36

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

3 HAZARDS IDENTIFICATION

Irritating to skin

Risk of serious damage to eyes

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

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

Ingestion: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention.

Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

Hazardous Decomposition: If involved in fire, may emit noxious fumes

Products:

Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear eye/face protection. Avoid contact with skin

Precautions to Protect Environment: Large spillages or uncontrolled discharge into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7 HANDLING AND STORAGE

Usage: Wear eye protection. Avoid contact with skin

Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: hypochlorite and oxidising agents

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
Phosphoric Acid	7664-38-2	OES	1mg/m3	2mg/m3
Propan-2-OL	67-63-0	OES	400ppm	500ppm
Ammonium Chloride	12125-02-9	OES	10mg/m3	20mg/m3

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Protective Equipment:



Ventilation:	N/A
Respirators:	N/A
Protective Gloves:	For prolonged or repeated skin contact the use of household rubber gloves is advisable
Eye Protection:	Use eye protection
Other Protection:	Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour:	Viscous. Liquid. Clear Blue
Odour:	Wintergreen
Solubility Description:	Soluble in water
Boiling Pt. (°C):	103 @ 760mmHg
Specific Gravity (Water=1):	1.116 @ 20 °C
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	-3
pH-Value, Conc:	0.50

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

Environmental Hazards:	Potentially hazardous due to the acidity of the product
Bio Accumulation:	Completely soluble. No bioaccumulation.
Degradability:	This product, at use dilutions, is readily broken down in biological effluent treatment planes.

13 DISPOSAL CONSIDERATIONS

Disposal Method:	Empty container can be consigned to normal waste. Unwanted material should be disposed of as hazardous waste by registered contractor.
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14 TRANSPORT INFORMATION

Label for Conveyance:



Road: n/a
 UN No: 3264
 Hazard Class (ADR): Class 8: Corrosive substances ADR PACK GR: III
 Proper Shipping Name 1: Corrosive Liquid, Acidic, Inorganic, N.O.S (phosphoric acid, liquid)

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

Air:
 UN Air: 3264
 Air Transport Class No: Class 8: Corrosive substances AIR PACK GR: III

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases: R-41 Risk of serious damage to eyes.
 R-38 Irritating to skin

Safety Phrases: S-2 Keep out of reach of children.
 S-39 Wear eye/face protection
 S-24 Avoid contact with skin
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S-46 If swallowed seek medical advice immediately and show this container label.
 S-50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

UK Environmental Listings: Control of pollution (special waste) regulations 1980.
 EC Directives: Systems of specific information relating to Dangerous Preparation. 91/155
 Statutory Instruments: Chemicals (Hazards information and packaging) regulations.
 Approved Code of Practice: The compilation of safety data sheets L130
 Guidance Notes: Occupational exposure limits EH40.
 Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warranty, express or implied regarding its correctness.

R-PHASES (Full Text)	R-11	Highly Flammable
	R-22	Harmful if swallowed
	R-34	Causes burns
	R-36	Irritating to eyes
	R-38	Irritating to Skin
	R-41	Risk of serious damage to eyes
	R-50	Very toxic to aquatic organisms
	R-67	Vapours may cause drowsiness and dizziness