



Jangro Limited
James House
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Farnworth
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Tel. 0845 458 5223

JANGRO BA050-75

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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO CLEANER DISINFECTANT
Applications: Quaternary Ammonium based sanitiser and disinfectant
Supplier: Jangro Limited, as above

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

2 INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Quaternary Ammonium Compounds	264-151-6	63449-41-2	0-1%	C;R34 Xn;R21/22 N;50
2,2'-Oxybisethanol	203-872-2	111-46-6	0-1%	Xn; R22
C13-15 Alcohol Ethoxylate (7EO)		68131-39-5	0-1%	Xn;R22. Xi;R41 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 a 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
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical if any discomfort continues
Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product 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: No special protective clothing
Environmental Precautions: 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 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 area. 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
2,2'-Oxybisethanol	WEL	23 ppm	101 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 skin.
Eye Protection: N/A
Other Protection: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid. Clear. Blue
Odour: Floral
Solubility Description: Soluble in water
Boiling Pt. (°C): 100 @ 760mmHg
Specific Gravity (Water=1): 1.003 @ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): 0
pH-Value, Conc: 11.00

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns

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

13 DISPOSAL CONSIDERATIONS

Disposal Method: 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

General: Not classified

15 REGULATORY INFORMATION

Risk Phrases:	NC	Not classified.
Safety Phrases:	S-2 S-46	Keep out of reach of children. If swallowed seek medical advice immediately and show this container label.
Environmental Listings:	Hazardous Waste (England and Wales) Regulations	
EU Directives:	Systems of specific information relating to Dangerous Preparation. 91/155 As amended by Directive 93/112/EC and 2001/58/EC	
Statutory Instruments:	Chemicals (Hazards 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-PHASES IN FULL:	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



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CLEANER DISINFECTANT

Description

Multi purpose detergent and disinfectant which will clean and kill bacteria in one application. For use in schools, hospitals, surgeries, nursing homes, sports clubs, swimming pools and wherever there is a risk of cross infection.

Features and Benefits

- Passes British and European Test method BS EN 1276: 1997
- Kills MRSA and Shigella sonnei (the causative organism of Dysentery)
- Helps prevent the spread of infection
- Leaves clean fresh odour
- Suitable for use on a variety of hard surfaces
- A Microbiology report is available on request

How to Use

Spray sparingly onto surface and wipe with a damp cloth or sponge. For small or hard to reach areas spray onto cloth and clean as normal.

Composition

Contains a blend of quaternary ammonium compound, glycol ether, sequestering agent, ethoxylated amine, amphoteric and non-ionic surfactants, perfume and dye.

Typical Product Analysis

Appearance:	Clear Liquid
Odour:	Floral
Specific Gravity (20°C):	1.016
Colour:	Blue
pH-undiluted:	11.0
pH-diluted 1:75	10.60
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 the current European Regulations concerning Biodegradability and protection of the environment