



Jangro Limited
James House
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Farnworth
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JANGRO BA050-75

Revision March 2010

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 Mon-Fri

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Alkyl Dimethyl Benzyl Ammonium Chloride	270-325-2	68424-85-1	0-1%	AN;R21/22. C;R34. N;R50
2,2'-Oxybisethanol	203-872-2	111-46-6	0-1%	Xn; R22
C12-15 Alcohol Ethoxylate (7EO)		68131-39-5	0-1%	Xn;R22. Xi;R41 N;R50
2-Aminoethanol	205-483-3	141-43-5	0-1%	C;R34 Xn;R20/21/22

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

COMPOSITION COMMENTS: The ingredients are present in non-hazardous concentrations.

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 fire-extinguishing media appropriate for surrounding materials.
Specific Hazards: By heating and fire, harmful vapours/gases may be formed.
Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special protective clothing (See Sec 8)
Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
Spillage Clean Up 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		
2-Aminoethanol	WEL	3 ppm	7.6 mg/m3	6ppm	15 mg/m3

Ingredient Comments : WEL = Workplace Exposure Limits for COSHH assessments in the UK
 ST = Short-Term Exposure Limit (15 minutes) & LT = Long-Term Exposure Limits (8 hours)

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

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

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns
 Materials to avoid: No incompatible groups noted.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 2
 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
 LC 50,96 Hrs, FISH mg/l Alkyl Dimethyl Benzyl Ammonium Chloride [CAS No 68424-85-1] (Rainbow Trout)
 0.85 mg/l & C12-15 Alcohol Ethoxylate (7EO) [CAS No 68131-39-5](Rainbow Trout)
 1.8 mg/l
 Bio Accumulation: This product does not contain any substances expected to be bioaccumulating
 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 for transport.

15 REGULATORY INFORMATION

Risk Phrases: NC 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.

Environmental Listings: Hazardous Waste (England and Wales) Regulations
EU Directives: Systems of specific information relating to Dangerous Preparation. 2001/58/EC
As amended by Directive 93/112/EC and 2001/58/EC & 2006/8/EC

Statutory Instruments: Chemicals (Hazards information and packaging) regulations. 2008
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 (Health and Safety Commission)
Material Safety Data Sheet, Misc. manufacturers

R-PHASES IN FULL:

R-20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R-21/22	Harmful in contact with skin and if swallowed.
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