



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BA050-75

Revision 01/10/2012

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PREPARATION AND THE SUPPLIER

1.2 Product Identifier

Product Name: JANGRO CLEANER DISINFECTANT RTU
Product No. A174 JA
Internal Id. BA050-75

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

Identified Uses: Quaternary Ammonium based sanitiser and disinfectant

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
James House
Worsley Road
Farnworth
Bolton, UK
BL4 9NL
Tel; 0845 458 5223
Fax; 01204 576 801
centraloffice@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 Classified 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.

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
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.

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 INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!
 Skin Contact: Wash the skin immediately 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 dependant 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 a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. (See sec 8)

6.2 Environmental precautions

Spillages or uncontrolled discharges into water courses 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.

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

Name	Std	TWA – 8 Hrs		STEL – 15 min	
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)

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

9.1 Information on basic 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

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 : No incompatible groups noted.

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: 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: Sequestrant is readily degraded during biological effluent treatment processes.

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 CONSIDERATIONS13.1 Waste treatment methods

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.

SECTION 14: TRANSPORT INFORMATION

General: Not classified for transport.

SECTION 15: REGULATORY INFORMATION15.1 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 assessments

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: 01/10/2012
 Revision: Issue 4
 Safety Date Sheet Status: This 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
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R21/22	Harmful in contact with skin and if swallowed
R37	Irritating to respiratory system
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.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.



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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