



Jangro Limited
James House
Worsley Road
Farnworth
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JANGRO BA050-5

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Tel. 0845 458 5223

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

Irritating to eyes and skin.
Classification (1999/45) Xi;R36/38

3 INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
2-Aminoethanol	205-483-3	141-43-5	1-5%	C;R34 Xn;R20/21/22
C12-15 Alcohol Ethoxylate (7EO)		68131-39-5	1-5%	Xn;R22. Xi;R41 N;R50
Alkyl Dimethyl Benzyl Ammonium Chloride	270-325-2	68424-85-1	1-5%	Xn; R21/22. C;R343. N;R50
1,3 Propanediamine, C10-16 Alkyl Derivatives, Reaction product with 2-Chloro acetic acids		139734-65-9	0-1%	Xn;R22. C;R34. N;R50.
2,2'-Oxybisethanol	203-872-2	111-46-6	0-1%	Xn; R22

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

4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Seek medical attention if any discomfort continues.
Skin Contact: Wash skin thoroughly with soap and water. 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 product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Specific Hazards: By heating and in case of 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: Avoid contact with skin and eyes.
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 spillages: Pick up with vaccum or absorbent solid, store in closed container for disposal.

7 HANDLING AND STORAGE

Usage Precautions: Avoid contact with skin and eyes.
 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	TWA – 8 hrs		STEL – 15 min		Notes
2,2'-Oxybisethanol	WEL	23 ppm	101 mg/m ³			
2-Aminoethanol	WEL	3 ppm	7.6 mg/m ³	6 ppm	15 mg/m ³	

Ingredient Comments :

WEL = Workplace Exposure Limits for COSHH assessments in the UK

ST = Short-Term Exposure Limit (15 Minute) & LT = Long-Term Exposure Limit (8 Hours)

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
 Colour: Clear
 Odour: Floral
 Solubility: Soluble in water
 Boiling Pt. (°C): 101
 Relative Density: 1.011 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): -1
 pH-Value, Conc: 11.00

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) 1.8mg/l & C10-16 Alky Dervative [CAS No 139734-65-9] (cyprinus carpio) 0.43mg/l
 Bioaccumulation: The 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

Labelling:



Risk Phrases: R36/38 Irritating to eyes and skin.

Safety Phrases: S2 Keep out of 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.

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, 2001/58/EC and 2006/8/EC
 Statutory Instruments: The Chemicals (Hazards Information and Packaging) Regulations 2009 (S.I 2009 No. 716).
 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

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.
 R41 Risk of serious damage to eyes.
 R50 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

INFECTION CONTROL

Dilute 1 litre per 5 litres of hot water
Mop or wipe surface

4x pumps to 600ml water in a 750ml spray bottle
Spray or wipe surface

GENERAL CLEANING AND DISINFECTING

Dilute 66ml per 5 litres of hot water
Mop or wipe surface

After use we recommend cloths or mops are rinsed in a fresh solution and allowed to air dry.

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):	1.011
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