



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

1.1 Product identifier

Product Name: JANGRO – cleaner disinfectant concentrated
Product No: A125 JA
Internal Id: BA050-5

1.2 Relevant identified uses of the substance of 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 Classification of the substance or mixture

Classification: X1; R36/38

2.2 Label elements

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.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: INFORMATION ON INGREDIENTS

3.2 Mixtures

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.

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 INCLUDE VOMITTING! Drink a few glasses of water or milk. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms is described will vary dependant of the concentration and length of the exposure.

Inhalation

Irritation of the nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation, Prolonged skin contact may cause redness and irritation.

Eye contact

May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

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 fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

Avoid contact with eyes.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses 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

Avoid contact with skin and eyes.

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

8.1 Control Parameters

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)

8.2 Exposure controls

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic 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

9.2 Other information: None

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

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

Surfactant is readily broken down effluent treatment process.

12.3 Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

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 CONSIDERATIONS

13.1 Waste treatment methods

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 as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: TRANSPORT INFORMATION

General: Not classified for Transport.

SECTION 15: REGULATORY INFORMATION

15.1 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 Assessment : 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 hazardous substances. CHIP Class- Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revision comments: New Format Safety 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 different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision Issue 4

Safety data sheet status: The 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 Sections 2.

Safety data sheet status: The 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
R36/38	Irritating to eyes and skin
R37	Irritating to respiratory system
R41	Risk of serious damage to eyes
R50	Very toxic to organisms

Hazard Statements In Full:

H318	Causes serious eye damage
H319	Causes serious eye irritation
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
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

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