



Jangro Limited
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JANGRO BB010-75

Revision March 2010

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO KITCHEN CLEANER SANITISER ODOURLESS RTU
Applications: Quaternary Ammonium based sanitiser and disinfectant for food industry
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

Name	EC No.	CAS No.	Content	Classification
2,2' - Oxybisethanol	203-872-2	111-46-6	0-1%	Xn; R22
Alkyl Dimethyl Benzyl Ammonium	270-325-2	68424-85-1	0-1%	Xn; R21/22. C;R34. N;R50
2-Aminoethanol	205-483-3	141-43-5	0-1%	C; R34 Xn; R20/21/22
C12-15 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.

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 attention.
Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding material.
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 Environment 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 vacuum or absorbent solid, store in closed container for disposal.

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 materials

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	LT – ppm	LT – mg/m3	ST- ppm	ST – mg/m3
2,2'-Oxybesethanol	WEL	23ppm	101 mg/mg3		
2-Aminoethanol	WEL	3 ppm	7.6 mg/m3	6 ppm	15 mg/m3

Engineering Measures: Not relevant
 Respiratory Equipment: Respiratory protection not require.
 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: Faint surfactant
 Solubility: Soluble in water
 Boiling Pt. (°C): 100
 Relative Density: 1.000 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): 0
 pH-Value, Conc Solution: 11.00
 Colour: Clear Colourless

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 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. 2001/58/EC As amended by Directive 93/112/EC and 2001/58/EC and 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. 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
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Risk Phrases in full

R20/21/22	Harmful by inhalation, 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.
R-37	Irritating to respiratory system



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KITCHEN CLEANER SANITISER ODOURLESS

Description

Recommended for use on a variety of surfaces including worktops, cutting boards, tables, refrigerators, vending machines, sinks and surrounds, tiles and general kitchen equipment.

Features and Benefits

- Unperfumed
- Cleans and disinfects in one operation
- Kills bacteria and helps prevent the spread of infection
- Formulated especially for the Food and Catering Industry
- Passes British and European Test Method BS EN 1276: 1997
- For maximum economy also available in a 5lyt concentrate pack
- A Microbiology report is available on request

How to Use

FOOD CONTACT SURFACES Wipe or spray surface. Rinse with clean water.
NON FOOD CONTACT SURFACES Wipe or spray surface. Allow to air dry.

Composition

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

Typical Product Data

Appearance:	Clear Liquid
Odour:	Unperfumed
Specific Gravity (20°C):	1.00
Colour:	Colourless
pH-undiluted:	11.00
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