



Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton
 BL4 9LU

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- Foaming Bactericidal Cleaner
 Internal Id: BC010-5 & BC010-75

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

Identified uses Acidic Hard Surface Cleaner for Washrooms

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton, UK
 BL4 9LU
 Tel; 0845 458 5223
 Fax; 01204 576 801
 enquiries@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 (1999/45/EEC) Not classified.

2.2 Label elements

Risk Phrases

NC Not classified

Safety Phrases

P13 Safety Data sheet available for professional user on request.
 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

CITRIC ACID	1-5%
CAS-No.: 77-92-9	EC No.: 201-069-1
Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Irrit.. 2 – H315	Xi;R36/38
Eye Irrit. 2 – H319	

ALCOHOL (C9-C11) ETHOXYLATE (6EO)		1-5%
CAS-No.: 68439-45-2	EC No.:	
Classification (EC 1272/2008) Acute Tox.4 – H302 Eye Irrit. 2 – H318	Classification (67/548/EEC) Xn;R22 Xi;R41	

BUTOXYPROPANOL		1-5%
CAS-No.: 29387-86-8	EC No.: 249-598-7	
Classification (EC 1272/2008) Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	Classification (67/548/EEC). Xi;R36/38	

1-METHOXY-2-PROPANOL		1-5%
CAS No.: 107-98-2	EC No.: 203-539-1	
Classification (EC 1272/2008) Flam Liq.3 – H226 STOT SE 3 – H336	Classification (67/548/EEC) R10	

2,2'OXYBISETHANOL		0-1%
CAS No.: 111-46-6	EC No.: 203-872-2	
Classification (EC 1272/2008) Acute Tox.4 – H302	Classification (67/548/EEC) Xn;R22	

1,3 PROPANEDIAMINE, C10-16 ALKYL DERIVATIVES, REACTION PRODUCT WITH 2- CHLORO ACETIC ACIDS		0-1%
CAS No.: 139734-65-9	EC No.:	
Classification (EC 1272/2008) Acute Tox.4 – H302 Skin corr. 1B – H314 Aquatic Acute 1 – H400	Classification (67/548/EEC) Xn;R22 C;R34 N;R50	

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE		0-1%
CAS No.: 68424-85-1	EC No.: 270-325-2	
Classification (EC 1272/2008) Acute Tox.4 – H302 Acute Tox.4 – H312 Skin Corr. 1B – H314 Aquatic Acute 1 – H400	Classification (67/548/EEC) Xn;R21/22 C;R34 N;R50	

The full text for all R-Phrases and Hazard statements are displayed 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! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
- Skin Contact** Wash skin 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 the 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 fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

No special protective clothing. (See Sec 8)

6.2 Environmental precautions

Spillage 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

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

8.1 Control parameters

Ingredient comments

Name	STD	TWA – 8 hrs		STEL – 15 min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm (sk)	375 mg/m3 (Sk)	150 ppm(Sk)	560 mg/m3 (Sk)	
2,2'-OXYBISETHANOL	WEL	23 ppm	101 mg/m3			

WEL= work exposure limit

Ingredient comments:

STEL= Short-term exposure limit (15min) & TWA= Time weighted average (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

Appearance: Liquid
Colour: Clear Colourless
Odour: Citrus
Solubility: Soluble in water
Initial boiling point and boiling range 101
Melting point (°c) -1
Relative density 1.017 @ 20°c
pH-value, conc. Solution 2.30
Flash point Boils without flashing

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

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: Surfactant is readily broken down by effluent treatment process.

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 CONSIDERATIONS

13.1 Waste treatment methods

Discharge used solutions down the 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

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC code

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 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: 01/10/12

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 section 2.

Risk phrases in full

R34	Causes burns
R10	Flammable
R22	Harmful if swallowed
R21/22	Harmful in contact with skin and if swallowed
R36/38	Irritating to eyes and skin
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
H319	Causes serious eye irritation

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life.



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FOAMING BACTERICIDAL CLEANER

Description

Highly efficient multi surface bactericidal cleaner. Designed to remove limescale, body fat and stubborn soil. Suitable for use on porcelain, chrome, stainless steel, ceramic and quarry tiles. Ideal on wash basins, baths, showers, toilets, swimming pool surrounds and changing room floors.

Features and Benefits

- Heavy-duty formulation for those tough washroom cleaning tasks
- Kills bacteria, passes BS EN 1040
- Highly perfumed, leaves a clean, long lasting perfume
- Packed in 5lt bottles for extra economy

How to Use

WASHROOM CLEANING:

Using a 750ml trigger spray bottle, spray onto the surface and wipe with a clean damp cloth.

GENERAL CLEANING:

Dilute 100ml per 5 litres of warm water.
Mop or wipe surface

REMOVING LIMESCALE BODY FAT & STUBBORN SOIL

Pour undiluted into bottle fitted with a foaming spray. Spray surface and wipe clean with a damp cloth.

Not for use on enamel baths, marble or limestone. We would suggest using our GERMICIDAL WASHROOM CLEANER – PERFUMED.

Composition

Contains a blend of non-ionic, amphoteric and cationic surfactants, citric acid, glycol ether and perfume

Typical Product Data

Appearance:	Clear Liquid
Odour:	Orange
Specific Gravity(20°C):	1.017
Colour:	Colourless
pH-undiluted:	2.3
pH-diluted 1:50:	2.9
Shelf Life Unopened:	Not less than 3 years

Packaging

Pack:
6x750ml
5lt

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