



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BC010
Revision June 2008

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO FOAMING BACTERICIDAL CLEANER
Applications: Acidic hard surface cleaner for washrooms
Supplier: Jangro Limited, as above

Emergency Contact and Times:
01772 318 818 Between: 8.30am and 4.45pm

2 INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
Citric Acid	201-069-1	77-92-9	1-5%	Xi; R36/38
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn; R22 Xi;R41
Butoxypropanol	249-598-7	29387-86-8	1-5%	Xi; R36/38
1-Methoxy-2-Propanol	203-539-1	107-98-2	1-5%	R10
Quarternary Ammonium Compounds	264-151-6	63449-41-2	0-1%	C;R34 Xn; R21/22 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.

Composition Comments: The ingredients are present in non-hazardous concentrations.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

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 immediately if any discomfort continues.
Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use extinguishing media appropriate for surrounding fire.
Specific Hazards: If involved in fire, may emit noxious fumes
Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions During Spill: No special protective clothing
Environmental Precautions: Large spillages or uncontrolled discharge into rivers or streams must be reported to The Environment Agency or other regulatory body.
Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal by approved waste contractor.

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 containers. Store away from; oxidising material.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
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		

INGREDIENT COMMENTS: WEL = Workplace Exposure Limits

Engineering Measures: N/A
Respiratory Equipment: N/A
Hand Protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin
Eye Protection: N/A
Other Protection: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid. Clear. Colourless
Odour/taste: Citrus
Solubility Description: Soluble in water
Boiling Pt. (°C): 101 @ 760mmHg
Specific Gravity (Water=1): 1.017 @ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): -1

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns
Materials to Avoid: Chlorine releasing materials will liberate toxic chlorine gas.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 3
Materials to Avoid: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment
Bio Accumulation: Completely soluble. No bioaccumulation.
Degradability: Surfactant is readily broken down by effluent treatment process.

13 DISPOSAL CONSIDERATIONS

Disposal Method: Discharge used solution to drain. Small Amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Large 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 Keep out of reach of children.
S-46 If swallowed seek medical advice immediately and show this container label.
P-13 Safety data sheet available for professional user on requestEnvironmental Listings: Control of pollution (special waste) regulations 1980.
EC Directives: Systems of specific information relating to Dangerous Preparation. 91/155
As amended by Directive 93/112/EC and 2001/58/EC

Statutory Instruments: Chemicals (Hazards information and packaging) regulations. 2002

Approved Code of Practice: The compilation of safety data sheets L130

Guidance Notes: Occupational 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

Material Safety Data Sheet, Misc. manufacturers

Revision comments: Change due to CHIP 3.1 (2005) OEL or MEL replaced by WEL in section 8

R-PHASES (Full Text) R-10 Flammable
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-36/38 Irritating to eyes and skin
R-50 Very toxic to aquatic organisms



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BC010
Revision June 2008



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