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JANGRO BC010

Revision April 2004

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO FOAMING BACTERICIDAL CLEANER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn,Xi	22,41
Quaternary Ammonium Compounds	264-151-6	63449-41-2	0-1%	C,N	21/22,34,50
Citric Acid		77-92-9	1-5%	Xi	36-38
Butoxypropanol	249-598-7	29387-86-8	1-5%	Xi	36-38
1_methoxy-2-Propanol	203-539-1	107-98-2	1-5%		10

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 classified as hazardous.

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids.
Skin: 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 material is not flammable. Use extinguishing media appropriate for surrounding fire.
Hazardous Decomposition: If involved in fire, may emit noxious fumes
Products:
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
Precautions to Protect Environment: 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: No specific usage precautions noted
Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original containers. Store away from; oxidising material.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
1-methoxy-2-Propanol	107-98-2	OES	100 ppm (Sk)	150ppm(Sk)

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Ventilation: N/A
Respirators: N/A
Protective Gloves: 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: 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
Concentration (%M): 3ml per Litre

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

Environmental Hazards: 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
Road:
Rail:
Sea:
Air:

15 REGULATORY INFORMATION

Risk Phrases: Not classified

Safety Phrases: S-2 Keep out of reach of children.
S-46 If swallowed seek medical advise immediately and show this container label.
P-13 Safety data sheet available for professional user on request

UK Environmental Listings: Control of pollution (special waste) regulations 1980.
EC Directives: Systems of specific information relating to Dangerous Preparation. 91/155
Statutory Instruments: Chemicals (Hazards information and packaging) regulations.
Approved Code of Practice: The compilation of safety date 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

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warrantee, express or implied regarding its correctness.

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