



Jangro Limited
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JANGRO BA010-75

Revision November 2005

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO MULTI PURPOSE CLEANER
Applications: Alkaline liquid hard surface cleaner and degreaser
Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
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
2-Aminoethanol	205-483-3	141-43-5	0-1%	C;R34 Xn; R20/21/22

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 attention 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.
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 container. Store away from:
oxidising materials

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
2 - Aminoethanol	WEL	3 ppm	7.6 mg/m3	6 ppm	15 mg/m3
1 - Methoxy - 2 - Propanol	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)

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. Florescent. Yellow
Odour/Taste: Citrus
Solubility Description: Soluble in water
Boiling Pt. (°C): 100 @ 760mmHg
Specific Gravity (Water=1): 1.000 @ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): 0
pH-Value, Conc: 11.40

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 3
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
Bio Accumulation: Completely soluble. No bioaccumulation.
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 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 request.

Environmental Listings: Hazardous Waste (England & Wales) Regulations.
EU Directives: Systems of specific information relating to Dangerous Preparations. 2001/58/EEC
As amended by Directive 93/112/EC and 2001/58/EC

Statutory Instruments: Chemicals (Hazards information and packaging) regulations. 2005

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

Guidance Notes: Workplace exposure limits EH40. As amended in 2005.
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 in raw material classification but has no effect on product classification. (Changes made in Sections 2,15&16) Also – change due to CHIP 3.1 (2005) OES or MEL replaced by WEL in section 8.

R-PHASES (Full Text) R-10 Flammable
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R34 Causes Burns
R-36/38 Irritating to eyes and skin
R37 Irritating to respiratory system



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MULTI PURPOSE CLEANER

Description

Ready to use, multi purpose cleaner with a fresh lemon perfume for those tough cleaning jobs. Suitable for use on a variety of surfaces including plastic, vinyl, formica, stainless steel, paintwork and glass surfaces.

Features and Benefits

- Very quick acting cleaner and degreaser
- Easily removes stubborn dirt, grease and nicotine stains
- Ideal for carpet pre-spray treatment in heavy traffic areas
- Contains a clean fresh lemon perfume
- Packed in an easy to use 750ml bottle c/w trigger spray
- Also available in a 5ltr concentrate bottle

How to Use

Spray onto surface and wipe with a clean damp cloth
For small areas spray onto cloth and wipe surface

Composition

Contains a blend of a non-ionic surfactant, alkanolamine, ethoxylated amine, sequestering agent, glycol ether, perfume and dye.

Typical Product Data

Appearance:	Clear Liquid
Odour:	Citrus
Specific Gravity (20°):	1.00
Colour:	Fluorescent yellow
pH-undiluted:	11.40
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.