



Jangro Limited
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JANGRO BA010-5

Revision March 2005

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

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

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk (R No.)
Butoxypropanol	249-598-7	29387-86-8	5-10%	Xi	36/38
1-Methoxy-2-Propanol	203-539-1	107-98-2	5-10%		10
Alcohol (C9-11) Ethoxylate (8EO)		68439-46-3	1-5%	Xn, Xi	22, 41
Alcohol (C9-11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn, Xi	22, 41
2-Aminoethanol	205-483-3	141-43-5	1-5%	Xn	20, 36/37/38

The full text for all R-phrases are shown in section 16.

3 HAZARDS IDENTIFICATION

Irritating to eyes

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin: Wash skin with soap and water
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention immediately
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: Avoid contact with eyes.
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 as special waste.

7 HANDLING AND STORAGE

Usage: Avoid contact with eyes
Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from:
oxidising materials

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	WEL	100ppm(Sk)	150ppm(Sk)
2-Aminoethanol	141-43-5	WEL	3 ppm	6 ppm

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Ventilation: N/A
Respirators: N/A
Protective Gloves: For prolonged or repeated skin contact the use of household rubber gloves is advisable.
Eye Protection: Eye protection recommended.
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): 1.010 @ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): -2
pH-Value, Conc: 11.80

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.
Materials to Avoid: None.

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

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 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
Road:
Rail:
Sea:
Air:

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases:	R-36	Irritating to eyes.
Safety Phrases:	S-2	Keep out of reach of children.
	S-25	Avoid contact with eyes
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-46	If swallowed seek medical advice immediately and show this container label.
UK Environmental 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:	Revised in accordance with CHIP 2002	
R-PHASES (Full Text)	R-10	Flammable
	R-20	Harmful by inhalation
	R-22	Harmful if swallowed
	R-41	Risk of serious damage to eyes
	R36/37/38	Irritating to eyes, respiratory system and skin
	R-36-38	Irritating to eyes and skin



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MULTI PURPOSE CLEANER CONCENTRATED

Description

Concentrate multi purpose cleaner with a fresh lemon perfume for those tough cleaning jobs. For use on a variety of hard surfaces, including glass, vinyl, rubber, concrete and paintwork. Highly recommended for use as a carpet pre-spray treatment, and also for cleaning car interiors.

Features and Benefits

- Very quick acting cleaner and degreaser
- Easily removes stubborn dirt and heavy grease
- Contains a clean, fresh lemon perfume
- Highly recommended for use in a spray on wipe off cleaning system
- Particularly effective for removing nicotine stains
- Also supplied in a ready to use 750ml bottle c/w trigger spray

How to Use

HEAVY DIRT AND GREASE:

Dilute 100ml per 5 litres of hot water
3 x pumps or ½ cupful per 5lt
Mop or wipe surface

GENERAL CLEANING:

Dilute 50ml per 5 litres of hot water
2 x pumps or 4 capsful per 5lt
Mop or spray

SPRAY-ON WIPE-OFF APPLICATION:

Dilute 50ml per 5 litres of warm water. Add 150ml to 600ml warm water in a 750ml spray bottle.
5 x pumps per 750ml spray bottle

For hard surfaces – spray on wipe off

For carpets – spray heavy traffic lanes prior to shampooing

Composition

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

Typical Product Data

Appearance:	Clear Liquid
Odour:	Citrus
Specific Gravity (20°C):	1.01
Colour:	Fluorescent Yellow
pH-undiluted:	11.8
pH-diluted 1:50	10.35
Shelf Life Unopened:	Not less than 3 years

Storage

Store in original sealed container and protect against extremes of temperature.

Biodegradability

All surfactants used in Jangro products comply with the current European Regulations concerning Biodegradability and protection of the environment