



Jangro Limited
James House
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Farnworth
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Tel. 0845 458 5223

JANGRO BA010-5

Revision March 2010

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

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

2 HAZARDS IDENTIFICATION

Irritating to eyes
Classification Xi;R36

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
Butoxypropanol	249-598-7	29387-86-8	5-10%	Xi; R36/38
1-Methoxy-2-Propanol	203-539-1	107-98-2	5-10%	R10
Alcohol (C9-11) Ethoxylate (8EO)		68439-46-3	1-5%	Xn;R22, Xi;R41
Alcohol (C9-11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn;R22, Xi;R41
2-Aminoethanol	205-483-3	141-43-5	1-5%	C;R34 Xn;R20/21/22
Turpentine, Oil	232-350-7	8006-64-2	0-1%	R10 Xn;R20/21/22, R65 R43. Xi; R36/38 N;R51/53

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

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.
Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Specific Hazards: By heating and fire, harmful vapours/gases may be formed.
Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Avoid contact with eyes.
- Environmental Precautions : Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to The Environment Agency or other appropriate regulatory body.
- Spillage Clean Up Methods: 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.

7 HANDLING AND STORAGE

- Usage Precautions: Avoid contact with eyes
- 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/m ³	ST – ppm	ST – mg/m ³
1-Methoxy-2-Propanol	WEL	100 ppm (Sk)	375 mg/m ³ (Sk)	150 ppm (Sk)	560 mg/m ³ (Sk)
2-Aminoethanol	WEL	3 ppm	7.6 mg/m ³	6 ppm	15 mg/m ³
Turpentine, Oil	WEL	100 ppm	566 mg/m ³	150 ppm	850 mg/m ³

INGREDIENT COMMENTS: WEL = Workplace Exposure Limit for COSHH assessments in the UK

ST = Short Term Exposure Limit (15 minutes) & LT = Long Term Exposure Limit (8 hours)

- Engineering Measure : Not relevant.
- Respiratory Equipment: Respiratory protection not required.
- Hand Protection: For prolonged or repeated skin contact use suitable protective gloves (household rubber gloves)
- Eye Protection: Eye protection recommended.
- Other Protection: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Liquid
- Odour: Citrus
- Solubility: 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
- Colour: Clear Fluorescent Yellow

10 STABILITY AND REACTIVITY

- Stability: No particular stability concerns.
- Materials to Avoid: No incompatible groups noted.

11 TOXICOLOGICAL INFORMATION

- Toxicological Information: Refer to section 2
- 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: The product does not contain any substances expected to be bioaccumulating.
- 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

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 or label.

Environmental Listings:	Hazardous Waste (England and Wales) Regulations
EU Directives:	Systems of specific information relating to Dangerous Preparation. 2201/58/EC As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC
Statutory Instruments:	Chemicals (Hazards information and packaging) regulations. 2008
Approved Code of Practice:	The compilation of safety data sheets L130
Guidance Notes:	Workplace 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 (Health and Safety Commission) Material Safety Data Sheet, Misc. manufacturers
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Risk Phrases in full	R-10	Flammable
	R-20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R-22	Harmful if swallowed
	R-34	Causes burns
	R-41	Risk of serious damage to eyes
	R-36-38	Irritating to eyes and skin
	R-37	Irritating to respiratory system.
	R-43	May cause sensitisation by skin contact
	R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment
	R-65	Harmful : may cause lung damage if swallowed.



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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