



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BD100-5
Revision January 2012

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO FLOOR POLISH AND CLEANER
Applications: Floor Polish and Cleaner
Supplier: Jangro Limited, as above

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

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
2-(2-Ethoxyethoxy) Ethanol	203-919-7	111-90-0	1-5%	Xi; R36
C12-15 Alcohol Ethoxylate (7EO)		68131-39-5	0-1%	Xn;R22. Xi;R41. N;R50
Ammonia...%	215-647-6	1336-21-6	0-1%	C;R34 N:R50

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

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

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 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: No special protective clothing. (See Sec 8) Avoid contact with eyes.
Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental 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: No specific usage precautions noted. Take care not to splash in eyes when pouring.

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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
Ammonia%	WEL	25 ppm		35 ppm	

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 Measures: Not relevant
Respiratory Equipment: Respiratory protection not required.
Hand Protection: No specific hand protection note, but protection for the skin is advisable to prevent removal of natural oils from skin.
Eye Protection: None required if care is taken not to splash in eyes when pouring. If risk of splashing, wear safety goggles Or face shield
Other Protection: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Emulsion
Odour: Floral
Solubility : Soluble in water
Boiling Pt. (°C): 101 @ 760mmHg
Specific Gravity (Water=1): 1.020@ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): -1
pH-Value, Conc: 8.50
Colour White

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

) 8.2mg/l

Ecotoxicity	Not regarded as dangerous for thee environment
LC 50,96 Hrs, FISH mg/l	C12-15 Alcohol Ethoxylate (7EO) [CAS No 68131-39-5] (Rainbow Trout) 1.8mg/l & Ammonia [CAS No 1336-21-6](Fathead Minnow)
Bioaccumulation	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: 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 advise immediately and show this container label.
	P-13	Safety data sheet available for professional user on request
Environmental Listings:	Hazardous Waste (England and Wales) Regulations.	
EU Directives:	Systems of specific information relating to Dangerous Preparation. 2001/58/EC As amended by Directive 93/112/EC and 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

Risk Phrases in full text

R-10	Flammable
R-20	Harmful by inhalation
R-22	Harmful if swallowed
R-34	Causes burns
R-36	Irritating to eyes
R-36/38	Irritating to eyes and skin
R-37	Irritating to respiratory system
R-41	Risk of serious damage to eyes
R-50	Very toxic to aquatic organisms
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment





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FLOOR POLISH AND CLEANER

Description

Multi-use floorcare product designed to provide excellent results when time is of a premium. Suitable for use as a cleaner, polish and a floor maintainer on most floors including vinyl, rubber, asphalt, marble, terrazzo and sealed surfaces

Features and Benefits

- Extremely versatile floorcare treatment
- Quick and easy to use
- Ideal in a non-mechanical maintenance system
- Will clean and leave a high gloss in one operation
- Also suitable for spray cleaning floors
- Provides a slip resistant, high glass finish

How to Use

Cleaner/Polish	Apply a thin coat and rub lightly with a mop to remove light soilage. Rinse mop and apply second coat.
Polish	Apply a thin coat, allow to dry, apply a second coat and burnish if necessary.
Cleaner	Dilute 500ml per 5 litres of cold water and damp mop floor.
Spray Cleaning	Dilute 10ml per 500ml of cold water in a hand spray. Spray floor lightly and buff to a shine.

Composition

Contains an aqueous dispersion of metallised acrylic co-polymers, wax emulsion, ammonia soluble resin, plasticizers, coalescent and non-ionic surfactants, levelling agent, defoamer, preservatives and perfume.

Typical Product Data:

Appearance:	Opaque Liquid
Odour:	Floral
Specific Gravity (20°C):	1.02
Colour:	White
pH-undiluted:	8.5
pH-diluted 1:60:	8.0
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.