



Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton
 BL4 9LU

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

1.1 Product identifier

Product Name: Jangro- High Traffic Floor polish 21% Solids
 Internal Id: BC040-5 & BC040-1

1.2 Relevant identified uses of the substance of mixture and uses advised against

Identified uses Floor polish

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton, UK
 BL4 9LU
 Tel; 0845 458 5223
 Fax; 01204 576 801
Enquiries@jangrohq.net

1.4 Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2 Label elements

Risk Phrases

NC Not classified

Safety Phrases

S2 Keep out of the reach of children
 S46 If swallowed, seek medical advice immediately and show this container or label.
 P13 Safety data sheet available for professional user on request

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

2-(ETHOXYETHOXY) ETHANOL		1-5%
CAS-No.: 11-90-0	EC No.: 203-919-7	Registration Number.: 01-211947105-42
Classification (EC 1272/2008) Eye Irrit. 2 – H319	Classification (67/548/EEC) Xi;R36	
AMMONIA ... %		0-1%

CAS No.: 1336-21-6	EC No.: 215-647-6
Classification (EC 1272/2008) Skin Corr. 1B – H314 STOT SE 3 – H335 Aquatic Acute 1 – H400	Classification (67/548/EEC) C;R34 N;R50

C12-15 ALCOHOL ETHOXYLATE (7EO)	0-1%
CAS-No.: 68131-39-5	EC No.:
Classification (EC 1272/2008) Acute Tox.4 – H302 Eye Dam. 1 – H318 Aquatic Acute 1 – H400	Classification (67/548/EEC) Xn;R22 Xi;R41 N;R50

The full text for all R-Phrases and Hazard statements are displayed in section 16.

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Not relevant. Inhalation unlikely. In case of inhalation of spray mist: move person into fresh air and keep at rest.
Ingestion DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
Skin Contact Wash skin with soap and water
Eye Contact Promptly wash eyes with plenty of water while lifting the eye lids.

4.2 Most important symptoms and effects, both acute and delayed

General Information The severity of the symptoms described will vary dependent of the concentration and the length of exposure.
Inhalation No specific symptoms noted.
Ingestion No specific symptoms noted. But- may cause discomfort if swallowed.
Skin contact No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from the skin.
Eye contact No specific symptoms noted. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media This product is not flammable. Use fire- extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, harmful vapours/ gases may be formed.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters; Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

No special protective clothing. (See Sec 8) avoid contact with eyes

6.2 Environmental precautions

Spillage or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

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.

6.4 Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Take care not to splash in eyes when pouring

7.2 conditions for safe storage, including any incompatibilities.

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

7.3 specific end use (s)

The identified uses for this product are detailed in section 1.2

Usage Description; See product information sheet & label for detailed use of this product.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS

8.1 Control parameters

Name	STD	TWA-8hrs	STEL – 15min	Notes
AMMONIA... %	WEL	25 ppm	35 ppm	

Ingredient comments

STEL= Short term exposure limit (15 minutes) & TWA= time weighted average (8hours)

8.2 Exposure controls

Engineering Measures: Not relevant.

Respiratory Equipment: Respiratory protection not required.

Hand Protection: No specific hand protection noted, 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 or using. If risk of splashing, wear safety goggles or face shield.

Other Protection: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Emulsion
Colour:	White
Odour:	Faint Acrylic/Ammonia
Solubility:	Soluble in water
Initial boiling point and boiling range	101
Melting point (°c)	1
Relative density	1.030 @ 20°c
pH-value, conc. Solution	8.50
Flash point	Boils without flashing

9.2 Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical Stability

No particular stability concerns

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation

10.5 Incompatible materials

Materials to avoid; No incompatible groups noted.

10.6 Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological Information: We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

Other Health effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Degradability: Surfactant is readily broken down by effluent treatment process.

12.3 Bioaccumulative potential

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

Mobility: Not known.

12.5 results of PBT and vPvB assessments

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

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.

SECTION 14: TRANSPORT INFORMATION

General: Not classified for transport

14.1 UN number**14.2 UN proper shipping name****14.3 Transport hazard class(es)****14.4 Packing group****14.5 Environmental hazards****14.6 Special precautions for user****14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC code****SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture.****Guidance notes**

Workplace Exposure Limits EH40

EU Legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC – classification, packaging & labelling of dangerous substances & GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical Safety Assessment

Not applicable this product is a mixture.

SECTION 16: OTHER INFORMATION

Information Sources: Material Safety Data Sheet, Misc. manufacturers. CLP Class – Table 3.1 list of harmonised classification and labelling of hazard substances. CHIP Class – Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revisions comments: New Format Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). – No change in Product Classification – main change is the move of Labelling elements from section 15 to section 2 & section 3 now has a different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision: Issue 5

Safety Data Sheet Status: The Risk phrases/ hazard statements listed below in this section No 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and not the product itself. For the risk phrases/ hazard statements relating to this product see section 2.

Risk phrases in full

R34 Causes burns
R22 Harmful if swallowed
R36 Irritating to eyes
R37 Irritating to respiratory system
NC Not classified
R41 Risk of serious damage to eyes
R50 Very toxic to aquatic organisms.

Hazard Statements in full

H318 Causes serious eye damage
H319 Causes serious eye irritation
H314 Causes severe skin burns and eye damage
H302 Harmful if swallowed
H335 May cause respiratory irritation
H400 Very toxic to aquatic life



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HIGH TRAFFIC FLOOR POLISH 21%

Description

High solids metallised floor polish. Dries to a very durable, high gloss and slip resistant finish. Suitable for most floors including vinyl, rubber, asphalt, marble, terrazzo and sealed surfaces.

Features and Benefits

- High solids formulation for extra floor protection
- Excellent levelling properties to ensure a smooth even coat
- Slip resistant finish for a safer working environment
- Very scuff mark resistant to make it easier to clean and maintain
- Responds to high speed burnishing
- Ideal for heavy traffic areas
- Coverage per 5 lt – 400/500 sq. meters for 1 coat

How to Use

Use undiluted

Pour polish into a bucket or tray

Place mop or applicator into polish, lightly squeeze out surplus

Apply polish to dry, neutral floor thinly and evenly in WEST to EAST direction

Leave to dry for approximately 30 minutes

Apply a further coat of polish thinly and evenly at right angles to first i.e. NORTH to SOUTH. Leave a 10cm gap at floor edge

Leave to dry for approximately 30 minutes

A third coat may be required in heavy traffic areas or on old or worn floors

Composition

Contains an aqueous dispersion of metallised scrylic co-polymers, wax emulsion, ammonia soluble resin, plasticizers, coalescent, defoamer, levelling agent and preservative

Typical Product Data

Appearance/ Colour:	Emulsion White
Odour/Taste:	Faint acrylic/ Ammonia
Solubility Description:	Soluble in water
pH-Value, Conc:	8.50

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