



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

**JANGRO BD220-5**

Revision July 2012

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN HEAVY DUTY FLOOR POLISH  
Use: Emulsion floor finish suitable for areas of heavy traffic. The tough long lasting coat can be maintained by damp mopping or by automatic cleaning machines.  
Supplier: Jangro Limited, as above  
Emergency Tel: 01444 244000

### 2 HAZARDS IDENTIFICATION

Main hazards: No significant hazard

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Alcohol ethoxylate		68439-46-3	<5	Xn	R22 & R41
2-Butoxyethanol	203-905-0	111-76-2	<5	Xn	R20/21/22 & R36/38
Non-hazardous ingredient(s)	EINECS No.	CAS No.	% Range	Symbol	Risk Phases
Polymer			>30		

### 4 FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact. Wash immediately with plenty of soap and water.  
Eyes: There may be mild irritation and redness. Bathe the eye with running water for 15 minutes  
Ingestion: There may be irritation of the throat, mouth and digestive tract. Give 1 cup of water to drink every 10 minutes. Do not induce vomiting. Consult a doctor.  
Inhalation: Mist may cause irritation to the respiratory tract. Remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.

### 5 FIRE FIGHTING MEASURES

Extinguishing media: Product not flammable. Suitable extinguishing media for the surrounding fire should be used. Use water spray, foam, sand, dry powder or CO2 to cool containers.  
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.  
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.  
Clean-up procedures: Small spills can be handled with a mop and water. Large spills should be contained with sand or sawdust and disposed of under local authority regulations.

### 7 HANDLING AND STORAGE

Storage conditions: Store in cool, well-ventilated area away from sparks, naked flames or sources of ignition. Protect from freezing. Keep container tightly closed. Recommended shelf life of 12 months (1 year) when stored at or below 25 deg C in the original unopened containers.  
Suitable Packaging: Must only be kept in original packaging.

**8 PERSONAL PROTECTION/EXPOSURE CONTROLS.**

Respiratory protection: Respiratory protection not required for normal usage.  
 Hand protection: Avoid contact with the skin. May cause irritation to sensitive skin if frequent contact with unprotected skin.  
 Wear protective gloves.  
 Eye protection: Avoid contact with eyes. Safety glasses recommended.  
 Skin protection: Avoid contact with skin. Suitable protective overalls recommended.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

State: Liquid  
 Colour: White  
 Odour: Characteristic odour  
 Solubility in water: Miscible in all proportions  
 Evaporation rate: Moderate  
 Viscosity: Non-viscous  
 Flash point °C: N/A  
 pH-Value, Conc: 7.5-8.5  
 Relative density: 1.028

**10 STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.  
 Conditions to Avoid: Extremes of temperature. Heat. Direct sunlight.  
 Hazardous Decomp. In combustion emits toxic fumes.  
 Products  
 Materials to avoid Strong acids. Strong oxidising agents.

**11 TOXICOLOGICAL INFORMATION**

Hazardous ingredients:	ORL MUS LD50	ORL RAT LD50	ORL RAT LC50	SKN RBT LD50
Diethylene Glycol Monoethyl Ether		5.6 ml/kg		4.2 ml/kg
Tributoxyethyl Phosphate		>3000mg/kg	>6.4 mg/kg	

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12 ECOLOGICAL INFORMATION**

Hazardous ingredients: Diethylene Glycol Monoethyl Ether  
 Bacteria 48H EC50 > 5000 mg/l  
 Daphnia 48H EC50 > 10000 mg/l  
 Fish Fathead Minnows 96H LC50 > 10000 mg/l

Tributoxyethyl Phosphate  
 Daphnia 48H EC50 75 mg/l  
 Fish Fathead Minnows 96H LC50 16 mg/l

Mobility: Readily absorbed into soil.  
 Persistence and degradability: Biodegradable.  
 Bioaccumulative potential: No bioaccumulation potential.  
 Other adverse effects: Negligible ecotoxicity.

**13 DISPOSAL CONSIDERATIONS**

Disposal operations: Consult local authority guidelines and regulations for disposal.  
 NB: The user's attention is drawn to the possible existence of regional, national and international regulations regarding disposal.

**14 TRANSPORT INFORMATION**

ADR/RID UN no: Not classified

IMDG/IMO UN no: Not classified

IATA/ICAO

UN no: Not classified

**15 REGULATORY INFORMATION**

Hazard Symbol:	No significant hazard	
Safety phrase:	S2	Keep out of the reach of children.
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin, wash immediately with plenty of water.
	S46	If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principals regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16 OTHER INFORMATION**

Other information:	Polycarboxylates – 15% – 30%.	
	Phosphates – less than 5%.	
	Anionic Surfactants – less than 5%	
	Preservative.	
Risk phrases used in s.3:	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
	R22	Harmful if swallowed.
	R36/38	Irritating to eyes and skin.
	R41	Risk of serious damage to eyes.
	R52/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Legal disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.	



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## SOVEREIGN HEAVY DUTY FLOOR POLISH

### Description

A tough, long lasting bright gloss with excellent wet cleaning resistance. Recommended for use on terrazzo, quarry tile, unglazed ceramic tile, marble, brick, linoleum, vinyl, composition, sealed wood and cork floors.

### Features and Benefits

- Specially designed to suit areas of heavy traffic, its tough, long-lasting bright gloss will stand up longer with fewer buffing cycles.
- Excellent wet cleaning resistance.
- Ideally suited for spray buffing, damp mopping or automatic machine cleaning systems of maintenance.
- Responds superbly to buffing with machine speeds of 500-2500 rpm, the faster the speed, the better the gloss and finish.

### How to Use

Make sure the floor is thoroughly clean. Apply 3 or 4 coats to the floor's surface with a mop or applicator thinly and evenly. If Sovereign Floor Undercoat/Sealer has been used, 2 coats are sufficient.

### Typical Product Data

Appearance:	Liquid
Colour:	White
Odour/Taste:	Characteristic odour
pH-Value, Conc:	7.5-8.5

### Storage

Store in original sealed container and protect from extremes of temperature