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JANGRO BD250-5

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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN FLOOR SEAL REMOVER
Supplier: Jangro Limited, as above
Emergency Tel: 01444 244000

2 HAZARDS IDENTIFICATION

Main hazards: Irritating to Eyes

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
2-(2-Butoxyethoxy)Ethanol	203-961-6	112-34-5	15-30%	Xi	R36
2,2'Iminodiethanol	203-868-0	111-42-2	1-5%	Xn, Xi, Xi,Xn	R22,R38, R41,R48/22
Ethanol	200-578-6	64-17-5	5-15%	F	R11
2-Phenoxyethanol	204-589-7	122-99-6	5-15%	Xn, Xi	R22, R36

4 FIRST AID MEASURES

Eyes: There may be pain and redness. The eyes may water profusely. Bathe the eye with running water for 15 minutes. Consult a doctor.

Skin: There may be irritation and redness at the site of contact. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Remove casualty from exposure ensuring one's own safety whilst doing so.

5 FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protective measures in fire: 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. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. 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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Protect from freezing. Keep container tightly closed.

Suitable Packaging: Must only be kept in original packaging.

Recommended shelf life of 12 months (1year) when stored at or below 25 deg C in the original unopened containers.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Hazardous Ingredients:	WEL (8 hr TWA)	WEL (15 min STEL)
2-(2-Butoxyethoxy) Ethanol	67.5 mg/m ³	101.2 mg/m ³
2,2' Iminodiethanol	13mg/m ³	
Ethanol	1920 mg/m ³	

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
Relative density:	0.993
Solubility in water:	Miscible in all proportions
Evaporation rate:	Slow
Viscosity:	Non-viscous
Flash point °C	49
pH-Value:	10.5-11.5

10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Does not support combustion, but keep away from heat.

Hazardous Decomp. Products: In combustion emits toxic fumes.

Materials to avoid: Strong oxidising agents. Strong acids.

11 TOXICOLOGICAL INFORMATION

Hazardous ingredients:	ORL MUS LD50	ORL RAT LD50	IVN RAT LD50	SCU RAT LD50	SKN RAT LD50
2-(2-Butoxyethoxy) Ethanol	6050 mg/kg	4500 mg/kg			
2,2' Iminodiethanol	3300 mg/kg	620 µl/kg	778 mg/kg	2200 mg/kg	
Ethanol	3450 mg/kg	7060 mg/kg	1440 mg/kg		
2-Phenoxyethanol	933 mg/kg	1260 mg/kg			14422 mg/kg

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

12 ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable. The mentioned surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Disposal Method: Consult local regulations for disposal.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 TRANSPORT INFORMATION

ADR/RD UN no: Not classified
IMDG/IMO UN no: Not classified
IATA/ICAO UN no: Not classified

15 REGULATORY INFORMATION

Hazard Symbol: Irritant.



Risk phrases: R36 Irritating to eyes.

Safety phrases: S2 KEEP OUT OF 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.
S36/37 Wear suitable protective clothing and gloves.

Hazard ingredients (label): 2-(2-Butoxyethoxy)Ethanol

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: Non-ionic surfactants – 5% - 15%

Contains: Ethanol

Risk phrases used in S3: R36: Irritating to eyes.
R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R11: Highly flammable.

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 FLOOR SEAL REMOVER

Description

Specially designed for the removal of polymer emulsion floor seals, low foaming and excellent penetrating power its action is unexcelled. The powerful blend of chemical agents attack and bite through old seal coatings with minimum effort. This product will remove floor finishes as well as emulsion floor seals.

Features and Benefits

- Low foaming and excellent penetrating power
- Powerful blend of chemical agents that cut through old seal coatings

How to Use

For removing emulsion floor seals: 1 part to 4 parts of water (1 litre to 4 litres).

Allow the solution to soak for 15 minutes. Do not allow the solution to dry – keep wet.

With a floor machine fitted with a black stripping pad and the machine solution tank filled with water, scrub the floor releasing a small amount of water to keep the floor wet.

Make sure the whole floor is thoroughly scrubbed. While the solution is still wet, vacuum dry.

Finally, rinse the floor well.

Typical Product Data

Appearance:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
pH-Value, Conc:	10.5-11.5

Storage

Store in original sealed container and protect from extremes of temperature