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JANGRO BD255-5

Revision July 2012

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN HEAVY DUTY FLOOR POLISH REMOVER
Use: Powerful low foaming polish stripper for removal of oil, grease and fat.
Supplier: Jangro Limited, as above
Emergency Tel: 01444 244000

2 HAZARDS IDENTIFICATION

Main hazards: Causes Burns.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Sodium Metasilicate	229-912-9	10213-79-3	5-15%	C	R34, R37
Propan-2-ol	200-661-7	67-63-0	5-15%	F, Xi	R11, R36 & R67
Sodium xylenesulphonate	215-090-9	1300-72-7	5-15%	Xi	R36
Tetrasodium EDTA	200-573-9	64-02-8	<5%	Xn	R22 & R41
3-Butoxypropan-2-ol	225-878-4	5131-66-8	<5%	Xi	R36/38
Non-ionic surfactant blend	N/A	N/A	<5%	Xi	R41
Non-hazardous Ingredients	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase

4 FIRST AID MEASURES

Eyes: There may be irritation, redness and pain. May cause permanent damage. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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

Ingestion: There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. If affected. Remove to fresh air, keep warm and 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 including water spray, foam, sand, dry powder or CO₂. Use water spray to cool containers.

Exposure hazards: Corrosive. 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. Do not handle in a confined space. 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. 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

Hazardous Ingredients:	WEL (8 hr TWA)	WEL (15 min STEL)
Propan-2-OL	999 mg/m3	1250 mg/m3

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: Impermeable gloves.

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

Skin protection: Impermeable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid
Colour:	Colourless
Odour:	Alcohol
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Soluble
Also soluble in:	Most organic solvents
Evaporation rate:	Slow
Viscosity:	Non-viscous
Flash point °C	Not available
pH-Value, Conc:	13.-13.5
Relative density:	1.084

10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Heat and other extremes of temperature

Hazardous Decomp. In combustion emits toxic fumes.

Products

Materials to avoid Strong oxidising agents. Strong acids.

11 TOXICOLOGICAL INFORMATION

Hazardous ingredients:	ORL MUS LD 50	ORL RAT LD50	IVN RAT LD50	SCU RAT LD50	SKN RAT LD50
Sodium Metasilicate Tetrahydrate		1280 mg/kg			
Ethylene Diamine Tetra-acetic Acid Tetrasodium Salt		2000 mg/kg			
2,2' Iminodiethanol	3300 mg/kg	620 µl/kg	778 mg/kg	2200 mg/kg	
3-Butoxypropan-2-OL		5660 µl/kg			3100mg/kg
Propan-2-OL	3600 mg/kg	5045 mg/kg	1088 mg/kg	6 mg/kg	

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

12 ECOLOGICAL INFORMATION

Hazardous ingredients: SODIUM METASILICATE, PETAHYDRATE
 ALGAE 72H IC50 no data mg/l
 DAPHNIA 96H LC50 >247 mg/l
 FISH 96H LC50 >2320 mg/l

ALCOHOL ALKOXYLATE
 DAPHNIA 48H EC50 6.8 mg/l

Mobility: Readily absorbed into soil.
 Persistence and degradability: Biodegradable. Sodium metasilicate which is inorganic, will rapidly depolymerise into molecular species indistinguishable from natural dissolved silica.
 Bioaccumulative potential: No bioaccumulation potential.
 Other adverse effects: Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Disposal Method: The pH of the concentrated product is above the acceptable limits for direct discharge. 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/RID**

UN no:	1760	ADR Class:	8
Packing group:	III	Classification code:	C9
Shipping name:	CORROSIVE LIQUID, MIXTURE, NOS Miscible with water		
Labelling:	8	Hazard No:	80

IMDG/IMO

UN no:	1760	Class:	8
Packing group:	III	EmS:	F-A,S-B
Marine pollutant:	-		
Labelling:	8		

IATA/ICAO

UN no:	1760	Class:	8
Packing group:	III		
Packing instructions:	818(P&CA); 820(CAO)		
Labelling:	8		

15 REGULATORY INFORMATION

Hazard Symbol: Corrosive



Risk phrases: R34 Causes burns.
 Safety phrases: S1/2 Keep locked up and out of the reach of children
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S46 If swallowed, seek medical advice immediately and show this container or label
 S36/37/39 Wear suitable protective clothing, gloves, and eye/face protection.

Haz.ingredients (label): Sodium Metasilicate

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:

Anionic surfactants – 5% - 15%.
EDTA – less than 5%
Non-ionic surfactants – less than 5%

Contains:

Sodium Metasilicate, Isopropanol

Risk phrases used in s.3:

R11 Highly flammable
R22 Harmful if swallowed
R34 Causes burns
R36 Irritating to eyes
R36/38 Irritating to eyes/skin
R37 Irritating to respiratory system
R41 Risk of serious damage to eyes
R67 Vapours may cause drowsiness and dizziness.

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 REMOVER

Description

A powerful product designed especially for the fast and effective removal of the heaviest build-up of floor finish. This product will cut through old floor finishes with the minimum of agitation.

Features and Benefits

- Designed especially for the fast and effective removal of even the heaviest build-up of floor finish.
- Having low foaming and excellent penetrating power, its action is unexcelled.
- The powerful blend of chemical agents attack and bite through old floor finishes with the minimum agitation.

How to Use

For removing floor finish with a floor machine, dilute 1 part to 20 parts water.

Typical Product Data

Appearance:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
pH-Value, Conc:	13.2

Storage

Store in original sealed container and protect from extremes of temperature.