



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

**JANGRO BD230-5**

Revision May 2010

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN UNIVERSAL FLOOR CLEANER RESTORER  
Supplier: Jangro Limited, as above  
Emergency Tel: 01444 244000

### 2 HAZARDS IDENTIFICATION

Not classified as hazardous.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
3-Butoxypropan-2-OL	225-878-4	5131-66-8	2.5-10%	Xi	R36/38
Propan-2-OL	200-661-7	67-63-0	2.5-10%	F, Xi, -	R11, R36, R67
Fatty Alcohol Ethoxylate			<2.5%	Xn, Xi	R22, R41
Trisodium Phosphate	231-509-8	7601-54-9	<2.5%	Xi	R36/38
Tetrasodium Edta	200-573-9	64-02-8	<2.5%	Xn, Xi	R22, R41

The full text for all R-Phrases are displayed in section 16

### 4 FIRST AID MEASURES

Eyes: There may be irritation 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. In case of severe irritation or burns seek medical attention.

Ingestion: There may be soreness and redness of the mouth and throat. Do not give anything by mouth to an unconscious person. Wash out mouth with water and drink copious amount. Do not induce vomiting. Obtain urgent medical attention.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest and dizziness. Remove casualty from exposure ensuring one's own safety whilst doing so. Keep warm and at rest, obtain medical attention if ill effects occur.

### 5 FIRE FIGHTING MEASURES

Extinguishing media: Product is not flammable so use suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protective of fire fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Caution spillages could prove slippery. Wear suitable protective clothing (see section 8).
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 neutralised with sodium bicarbonate or soda ash then transferred to a suitable container for disposal under local authority guidelines.

## 7 HANDLING AND STORAGE

Handling requirements:	Avoid direct contact with the substance.
Storage conditions:	Store in cool, well ventilated area. Protect from freezing. Keep in original container tightly closed when not in use.

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

## 8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Hazardous Ingredients:	LTEL (8hr TWA)	STEL (10 min)
PROPAN-2-OL	400ppm 999 mg/m3	500ppm 1250 mg/m3
Respiratory protection:	Self contained breathing apparatus must be available in case of emergency.	
Hand protection:	Protective gloves.	
Eye protection:	Safety glasses. Ensure eye bath is to hand.	
Skin protection:	Overalls.	

## 9 PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid
Colour:	Colourless
Odour:	Characteristic
Solubility in water:	Miscible in all proportions
Evaporation rate:	Slow
Viscosity:	Non-viscous
pH-Value, Conc:	11.0-12.5
Relative density:	1.035
Solubility in water:	Soluble

## 10 STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Extremes of temperature.
Hazardous Decomp.	In combustion emits toxic fumes.
Products	
Materials to avoid	Strong reducing agents and strong acids.

## 11 TOXICOLOGICAL INFORMATION

Inhalation:	Mist will irritate the respiratory tract. Vapours may cause dizziness and drowsiness.
Skin contact:	May irritate with prolonged contact.
Eye contact:	Will cause irritation and pain.
Ingestion:	May cause irritation to mouth, throat and digestive tract.

## 12 ECOLOGICAL INFORMATION

Mobility:	Readily absorbed into soil.
Persistence and degradability:	Biodegradable. Surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

**13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local authority guidelines and regulations.

**14 TRANSPORT INFORMATION**

Not regulated for transport

**15 REGULATORY INFORMATION**

EEC Classification:	Non hazardous
Hazard Symbol:	N/A
Risk Phrases:	N/A
Safety phrase:	S2      Keep out of the reach of children
	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.

**16 OTHER INFORMATION**

Risk phrases used in s.3:	R11      Highly flammable.
	R22      Harmful if swallowed.
	R36      Irritating to eyes
	R36/38      Irritating to eyes and skin
	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 UNIVERSAL FLOOR CLEANER RESTORER

### Description

This is an extraordinary product that can be used not only as an excellent hard floor cleaner but also as a carpet extraction cleaner, carpet stain remover, degreaser and a problem solver for ceramic floors. Can be used on floors, walls, paintwork, sinks, kitchen equipment, stainless steel, aluminium, light fittings, refrigerators, windows, mirrors, cars, carpets and upholstery.

### Features and Benefits

- A truly effective cleaner that will cope with quick soil removal with minimum effort
- Manufactured to a very high standard and designed to be effective on all hard and soft surfaces
- Breaks down soil amazingly fast and leaves the surface bright and clean

### How to Use

General Cleaning	1 part to 50 parts water
Heavy Soil	1 part to 20 parts water
Carpet Spotting	1 part to 10 parts water
Carpet and Upholstery Cleaning	1 part to 50 parts water

Care must be taken before cleaning a carpet. The dyes used in some carpets vary and are not always stable. Tests should be carried out on a small area of the carpet using a solution of the cleaner to check that there is no change in the carpet's appearance.

Always use the correct dilution rate.

### Typical Product Data

Appearance:	Liquid
Colour:	Colourless
Odour/Taste:	Characteristic odour
pH-Value, Conc:	11.0-12.5

### Storage

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