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**JANGRO BK220**

Revision April 2004

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## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO PAINT AND GRAFFITI REMOVER WIPES

Supplier: Jangro Limited, as above

### 2 INFORMATION ON INGREDIENTS

Chemical Description: Contains N-methyl-2-pyrrolidone, benzyl alcohol, D-Limonene, glycol ether solvent and surfactant.

Ingredient Name	%	CAS No.	Symbol	EINICS
N-Methyl-2-pyrrolidone	50-80 w/w	872-50-4	Xi. R36/38	212-828-1
Benzyl Alcohol	25-50 w/w	100-51-6	Xn. R20/22	202-859-9
D-Limonene	1-10 w/w	5989-27-5	Flammable, Xi. R10 R38	227-813-5
Fatty alcohol ethoyleate (Surfactant)	1-10 w/w		Xn, Xi, R22 R36/38	

32 gsm White Polycotton Fabric

### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

### 4 FIRST AID MEASURES

**Eyes:** Immediately irrigate with clean fresh water. Continue irrigation for at least 15-20 minutes, ensuring that under the eyelid is treated and that contact lenses are removed. Seek medical aid.

**Skin:** Remove contaminated clothing, including shoes and thoroughly clean and dry before re-use. Wash skin thoroughly with plenty of water. Use soap if available. Seek medical aid if irritation is severe or persistent.

**Ingestion:** Do NOT induce vomiting. Wash mouth out thoroughly with water and give water to drink. Seek medical aid.

**Inhalation:** Remove to fresh air. Seek medical advice if symptoms are apparent.

**Other:** Never give anything by mouth to an unconscious person.

### 5 FIRE FIGHTING MEASURES

**Extinguishing Media:** Use foam, dry chemical, CO2 or water fog. Do NOT use water jet. Cool closed containers exposed to fire with water spray.

**Protective Measures in Fire:** Fire fighters should wear self-contained breathing apparatus. Full protective clothing should be worn. Consider evacuation under severe circumstances.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Operators should observe the protective measures detailed in Sections 7 and 8. Avoid breathing vapours and contact with eyes or skin.

**Environmental Precautions**

**Recovery** Collect wipes and dispose of in accordance with national regulations.

### 7 HANDLING AND STORAGE

**Storage:** Store in sealed or original containers. Keep out of the reach of children. Store away from oxidising agents. The storage area should be cool, dry and well ventilated.

**General:** Use only as recommended in technical literature.

**Handling:** Wear suitable protective clothing – see section 8

## 8 PERSONAL PROTECTION/EXPOSURE CONTROLS

### Occupational Exposure Limits

<u>Ingredient Name</u>	<u>8 HRS TWA</u>	<u>15 MIN</u>	<u>Type</u>	<u>Ref</u>
N-Methyl-2-pyrrolidone	100 ppm		SUP	

Engineering Methods: Under normal use, no special engineering is required. If, in exceptional processes, high vapour levels are produced, mechanical exhaust ventilation may be required.

### Personal Protective Equipment

Respiratory: Respiratory protection is not normally required when the product is used in well-ventilated areas, for the uses recommended in the technical literature. If adequate ventilation cannot be provided, suitable respiratory equipment should be worn.

Hand: Wear impervious gloves.

Eye: Consider wearing eye protection if eye contact is likely.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Moist cloth wipes
Odour:	Strong, citrus
PH (as delivered):	Neutral
Flash Point:	69oC PMCC
Vapour Density:	>1 air=1
Solubility:	The impregnated liquid is water dispersible.

## 10 STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and pressures.

Conditions to Avoid: Prevent exposure to direct sunlight, heat or ignition sources.

Materials to Avoid: May react violently with strong oxidising agents.

Hazardous Decomposition

Products: Incomplete combustion will produce carbon dioxide, carbon monoxide, smoke and traces of nitrogen oxides.

## 11 TOXICOLOGICAL INFORMATION

### Acute effects

Eyes: Splashes in eyes will cause severe irritation.

Skin: Irritating to skin.

Ingestion: Ingestion of significant amounts may result in unconsciousness, cardiac disturbance respiratory cessation. Aspiration during swallowing or vomiting will severely damage lungs.

Inhalation: Benzyl alcohol has narcotic and anaesthetic properties at high vapour concentrations.

## 12 ECOLOGICAL INFORMATION

Mobility: Potential for mobility in soil is high.

Persistence/Degradability: No specific data available.

Bioaccumulation: Low potential to bio accumulate.

Aquatic Toxicity: No specific data available, but expected to show relatively low toxicity to fish. This product should not be allowed to enter drains or water courses or be deposited where it can effect ground or surface waters.

## 13 DISPOSAL CONSIDERATIONS

Do not allow to enter drains or water courses or dispose of where ground or surface waters may be affected.

## 14 TRANSPORT INFORMATION

Packaging (size and description): Impregnated wipes in purpose designed polythene containers.

Transport Classification: Not regulated.

**15 REGULATORY INFORMATION**

Supply Classification: Irritant  
Hazard Pictogram: X  
Risk Phrases: R36/38 Irritating to eyes and skin.  
Safety Phrases: S2 Keep out of reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S41 In case of fire and/or explosion do not breathe fumes.

Other applicable regulations: Control of Substances Hazardous to Health Regulations (SI 1994 No 3246)

**16 OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for safe handling, storage and use in known applications. References to regulatory matters are not intended to be exhaustive and the user must satisfy themselves that all relevant legislation is complied with. This Safety Data Sheet should not be construed as a specification or guarantee of specific properties and no liability can be accepted for loss, injury or damage resulting from its use.