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**JANGRO BA101**

Revision April 2004

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO TRAFFIC FILM REMOVER DOUBLE STRENGTH

Supplier: Jangro Limited, as above

### 2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Trisodium Nitrilo Triacetate	225-768-6	5064-31-3	10-30%	Xi	36/38
Alcohol (C9-C11) Ethoxyale (6EO)		68439-45-2	1-5%	Xn,Xi	22,41
Alkyl Dimethylamine Betaine		66455-29-6	1-5%	Xi	38,41
Sodium Hydroxide	215-185-5	1310-73-2	1-5%	C	35

The full text for all R-phrases are shown in section 16.

### 3 HAZARDS IDENTIFICATION

Risk of serious damage to eyes

Irritating to skin

### 4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

Skin: Wash the skin immediately with soap and water. Get medical attention if symptoms occur after washing

Ingestion: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention.

Inhalation: Not relevant. Inhalation unlikely.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

Hazardous Decomposition: If involved in fire, may emit noxious fumes

Products:

Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions During Spillage: Wear eye/face protection. Avoid contact with skin.

Precautions to Protect Environment: Large spillages or uncontrolled discharge into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

**7 HANDLING AND STORAGE**

Usage: Wear eye protection. Avoid contact with skin  
Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from:  
Oxidising materials

**8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

<b>INGREDIENT NAME</b>	<b>CAS No</b>	<b>STD</b>	<b>LT EXP (8 hrs)</b>	<b>ST EXP (15 min)</b>
Sodium Hydroxide	1310-73-2	OES	No std	2mg/m <sup>3</sup>

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

**Protective Equipment:**

Ventilation: N/A  
Respirators: N/A  
Protective Gloves: For prolonged or repeated skin contact the use of household rubber gloves is advisable  
Eye Protection: Use eye protection  
Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/ Colour: Liquid. Clear. Yellow  
Odour: Slight. Ammonia  
Solubility Description: Soluble in water  
Boiling Pt. (°C): 100 @ 760mmHg  
Specific Gravity (Water=1): 1.120@ 20 °C  
Flash Pt. (°C): Boils without flashing  
Melting Point: (°C): 0  
pH-Value, Conc: 13.30

**10 STABILITY AND REACTIVITY**

Stability: No particular stability concerns.  
Stability: Strong acids. Aluminium, tin, zinc and their alloys.

**11 TOXICOLOGICAL INFORMATION**

Toxicological Information: Refer to section 3  
Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

**12 ECOLOGICAL INFORMATION**

Environmental Hazards: Potentially hazardous due to the alkalinity of the product  
Bio Accumulation: Completely soluble. No bioaccumulation.  
Degradability: This product, at use dilutions, is readily broken down in biological effluent treatment plants.

**13 DISPOSAL CONSIDERATIONS**

Disposal Method: Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

14 TRANSPORT INFORMATION

Label for Conveyance:



Road:

UN No:	3266	
Hazard Class (ADR):	Class 8: Corrosive substances	ADR PACK GR: III
Proper Shipping Name 1:	Corrosive Liquid, Basic, Inorganic, N.O.S (sodium hydroxide solution)	

Rail:

Rail Transport Class No:	Class 8: Corrosive substances	RID PACK GR: III
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Sea:

UN Sea:	3266	
Sea Transport Class No:	Class 8: Corrosive substances	SEA PACK GR: III

Air:

UN Air:	3266	
Air Transport Class No:	Class 8: Corrosive substances	AIR PACK GR: III

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases:	R-41	Risk of serious damage to eyes
	R-38	Irritating to skin
Safety Phrases:	S-2	Keep out of reach of children.
	S-39	Wear eye/face protection
	S-24	Avoid contact with skin
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S-46	If swallowed seek medical advice immediately and show this container label.

UK Environmental Listings:	Control of pollution (special waste) regulations 1980.
EC Directives:	Systems of specific information relating to Dangerous Preparation. 91/155
Statutory Instruments:	Chemicals (Hazards information and packaging) regulations.
Approved Code of Practice:	The compilation of safety data sheets L130
Guidance Notes:	Occupational exposure limits EH40. Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warranty, express or implied regarding its correctness.

R-PHASES (Full Text)	R-22	Harmful if swallowed
	R-35	Causes severe burns
	R-38	Irritating to skin
	R-41	Risk of serious damage to eyes
	R-36/38	Irritating to eyes and skin