



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BA030

Revision April 2004

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO GLASS & MIRROR CLEANER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Propan-2-OL	200-661-7	67-63-0	10-30%	F, Xi	11,36,67
2-Butoxyethanol	203-905-0	111-76-2	5-10%	Xn	20/21/22, 36/38

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

3 HAZARDS IDENTIFICATION

Flammable. .

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids.
Skin: Wash skin with soap and water.
Ingestion: Drink a few glasses of water or milk. DO NOT INDUCE VOMITING! Get medical attention if any discomfort continues.
Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Use: Powder, foam or CO2
Unusual Fire & Explosion: May explode in a fire
Hazards:
Hazardous Decomposition: If involved in fire, may emit noxious fumes.
Products:
Protective Measures in Fire: Keep containers cool by spraying with water to reduce explosion risks. Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions During Spill: Immediately extinguish any sources if ignition. Avoid inhaling vapour. Avoid contact with eyes. Avoid contact with skin
Precautions to Protect Environment: This product is dangerous for the environment. Spillages or uncontrolled discharges into watercourses, drains or sewers must be reported to the Environment Agency or other regulatory body.
Spillage Cleanup Methods: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste

7 HANDLING AND STORAGE

Usage: Keep Eliminate all sources of ignition. Avoid contact with skin and eyes. Avoid inhalation of vapours. Use only in well ventilated areas.
Storage: Keep away from heat, sparks and open flame.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No:	STD	LT EXP (8 hrs)	ST EXP (15 min)
Propan-2-OL	67-63-0	OES	400ppm	500ppm
2-Butoxyethanol	111-46-2	OES	25ppm(Sk)	50ppm(Sk)
Ingredient Comments:	OES = Occupational Exposure Standard			
Ventilation:	N/A			
Respirators:	None required.			
Protective Gloves:	For prolonged or repeated skin contact the use of household rubber gloves is advisable			
Eye Protection:	None required			
Other Protection:	None required			

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour:	Liquid. Clear. Blue
Odour/Taste:	Faint Alcohol
Solubility Description:	Soluble in water
Boiling Point (°C)	85 @ 760mmHg
Specific Gravity (Water=1):	0.980 @ 20°C
Flash Point Method:	P/M Pensky - Martens
Flash Point (°C):	35
Melting Point (°C):	-5
pH-Value, Conc:	7.00

10 STABILITY AND REACTIVITY

Stability:	No particular stability concerns
Conditions to Avoid:	Avoid heat, flames and other sources of ignition
Materials to Avoid:	None

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:	Not regarded as dangerous for the environment
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:	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.
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14 TRANSPORT INFORMATION

Label for Conveyance:



Road:

UN No:	1987	
Hazard Class (ADR):	Class 3: Flammable liquids	ADR PACK GR: III
Proper Shipping Name 1:	Alcohols, N.O.S (isopropanol)	
Rail:		
Rail Transport Class No:	Class 3: Flammable liquids	RID PACK GR: III
Sea:		
UN Sea:	1987	
Sea Transport Class No:	Class 3: Flammable liquids	SEA PACK GR: III
Air:		
UN Air:	3987	
Air Transport Class No:	Class 3: Flammable liquids	AIR PACK GR: III

15 REGULATORY INFORMATION

Risk Phrases: R-10 Flammable

Safety Phrases:	S-2	Keep out of reach of children.
	S-46	If swallowed, seek medical advice immediately and show this container or label.
	S-51	Use only in well ventilated areas

Statutory Instruments: Chemicals (Hazard information and packaging) Regulations.

Approved Code of Practice: Classification and labelling of substances and preparations dangerous for supply.

Guidance Notes: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS (G) 37. CHIP for everyone HSG (108)

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 warrantee, express or implied regarding its correctness.

R-Phase:	R-11	Highly flammable
	R-36	Irritating to eyes
	R-20/21/22	Harmful by inhalation, in contact with skin and if swallowed
	R-36/38	Irritating to eyes and skin
	R-67	Vapours may cause drowsiness and dizziness