



Jangro Limited
James House
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Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BG240-5
Revision April 2004

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO ALUMINIUM CLEANER
Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Alcohol Ethoxylate			1-5%	Xn,N	R-22,38,41,50
Phosphoric Acid	231-633-2	7664-38-2	10-13%	C	R-34
Nitric Acid	231-714-2	7697-37-2	1-5%	C,O	R-8,35

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

3 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes.

4 FIRST AID MEASURES

Eyes: Hold eyelids apart. Important. Immediately rinse with water for at least 15 minutes. Get medical attention immediately. Continue to rinse.

Skin: Remove affected person from source of contamination. Remove contaminated clothing. Rinse the skin immediately with lots of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Ingestion: Remove victim immediately from source of exposure. DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention of any discomfort continues.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire. Use: Dry chemical, sand, dolomite etc Foam. Water spray

Special Fire Fighting Procedures: Use water to keep fire exposed containers cool and disperse vapours.

6 ACCIDENTAL RELEASE MEASURES

Precautions to Protect Environment: Any spillage needs to be contained and not allowed to enter water courses

Spillage Cleanup Methods: Wear necessary protective equipment. Absorb in vermiculite, dry, sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

Usage: Avoid spilling, skin and eye contact

Storage: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No:	STD	LT EXP (8 hrs)	ST EXP (15 min)
Phosphoric Acid	7664-38-2	OES	1mg/m ³	2mg/m ³
Nitric Acid	7697-37-2	OES	2 ppm	4 ppm

Protective Equipment:

Ventilation:	Provide adequate general and local exhaust ventilation
Respirators:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the occupational exposure level (OEL)
Protective Gloves:	Use protective gloves made of rubber (natural, latex)
Eye Protection:	Use approved safety goggles or face shield.
Other Protection:	Wear appropriate clothing to prevent any possibility of skin contact.
Hygienic Work Practices:	DO NOT SMOKE IN WORK AREA. Wash at the end of each work shift and before eating, smoking and using toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes wet or contaminated. No eating or drinking while working with this material.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

10 STABILITY AND REACTIVITY

Stability:	Normally stable
Hazardous Decomp. Products	Fires of high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO ₂). Carbon monoxide (CO)

11 TOXICOLOGICAL INFORMATION

Eyes:	Risk of serious damage to eye. Irritation of eyes and mucous membranes
Skin:	Irritating to skin. Prolonged or repeated exposure may cause severe irritation
Ingestion:	Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, Vomiting.
Inhalation:	May cause irritation to respiratory system.

12 ECOLOGICAL INFORMATION

Ecological Information Not regarded as dangerous for the environment

13 DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with Local Authority requirements

14 TRANSPORT INFORMATION

Label for Conveyance:



UN No Road:	1760
UK Road Transport Class:	8
UK Road Pack GR:	III
ADR Class No:	8
ADR Class:	Class 8: Corrosive substances.
Proper Shipping Name I:	Corrosive Liquid, NOS (Phosphoric acid, Nitric acid)
UN No Sea:	1769
IMDG Class:	8
UN NO Air:	1760

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases:	R-38 R-41	Irritating to skin Risk of serious damage to eyes
Safety Phrases:	S-2 S-24/25 S-26 S-28A S-37/39 S-46	Keep out of reach of children. Avoid contact with skin and eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label.
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.

User Notes: The following risk phrase relate to the raw materials in the product and not the product itself:

R-Phase:	R-22 R-38 R-41 R-50 R-34 R-8 R-35	Harmful if swallowed Irritating to skin Risk of serious damage to eyes. Very toxic to aquatic organisms. Causes burns Contact with combustible material may cause fire Causes severe burns
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ALUMINIUM CLEANER

Description

Powerful formulation for the effective removal of oxidation and mild corrosion from aluminium.

Features and Benefits

- Ideal for aluminium and alloy wheels, but equally suitable for steel wheels.
- Safe and easy to use

How to Use

Product should ideally be diluted with up to 5 parts of water. Apply using either brush or spray whilst agitating the surface. Allow the product to work for up to 10 minutes then rinse off thoroughly with clean water.

Repeat process if necessary.

For particularly stubborn areas, the product may either be pre-diluted using hot water or the surface contact time increased.

May also be used on steel and plastic trim.

Important

Not suitable for use on magnesium alloy wheels or aircraft.

Do not use on paintwork or specially finished, decorative anodised surfaces.

If in any doubt seek advice from manufacturer.

Do not allow the product to dry out on wheels.

Typical Product Data

Appearance:	Liquid
pH – diluted:	1
Shelf life unopened:	Not less than 3 years

Storage

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