



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: JANGRO TRAFFIC FILM REMOVER
Applications: Heavy duty, alkaline liquid cleaner for traffic soil removal with pressure washer
Supplier: Jangro Limited, James House, Worsley Road, Farnworth, Bolton, BL4 9NL
Telephone : 0845 458 5223
Fax : 01204 576801
Email: centraloffice@jangrohq.net
Emergency Contact and Times: 01772 318 818 Between 8.30am and 4.45pm Mon - Fri

2 HAZARDS IDENTIFICATION

Irritating to eyes and skin
CLASSIFICATION (1999/45): Xi;R36/38

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	1-5%	Xn;R22 Xi;R41
Cocamidopropyl Betaine	263-058-8	61789-40-0	1-5%	Xi;R36
Sodium Hydroxide	215-185-5	1310-73-2	0-1%	C;R35

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

4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water whilst lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Inhalation: Not relevant. Inhalation unlikely.
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Specific Hazards: When heated and in case of fire, harmful vapours/gases may be formed.
Protective Measures in Fire: Self-contained breathing apparatus and full protective clothing must be worn in case of fire

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with the eyes. Avoid contact with skin.
 Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY reported to The Environment Agency or other appropriate regulatory body.
 Spill clean up methods: Small quantities may be flushed to drains with plenty of water. Larger spillages Pick up with vacuum or absorbent solid, store in closed containers for disposal.

7 HANDLING AND STORAGE

Usage Precautions: Avoid contact with skin and eyes.
 Storage Precautions: Store at moderate temperatures in dry, well ventilated areas. Keep in original container. Store away from oxidising material.

8 PERSONAL PROTECTION / EXPOSURE CONTROLS

Name	Std	TWA- 8hrs	STEL- 15min	Notes
Sodium Hydroxide	WEL		2 mg/m3	

Ingredient Comments: WEL = Workplace Exposure Limits for COSHH assessments in the UK
 ST = Short-Term Exposure (15 minute) & LT = Long-Term Exposure (8 hours)

Engineering Measures: Not relevant
 Respiratory Equipment: Respiratory protection not required.
 Hand protection: For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)
 Eye protection: Use eye protection.
 Other protection: Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
 Colour: Clear. Yellow.
 Odour: Slight odour
 Solubility Description: Soluble in water
 Boiling Point (°C): 100 760 mm Hg
 Relative Density: 1.017 @ 20°C
 Flash Point °C: Boils without flashing
 Melting point °C: 0
 pH-Value, Conc solution 13.00

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.
 Materials to avoid: Strong acids. Aluminium, Tin, Zinc and their alloys.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 2
 Other health effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.
 Bioaccumulation: The product does not contain any substances expected to be bioaccumulating.
 Degradability: Sequestrant is readily degraded during biological effluent treatment process.

13 DISPOSAL CONSIDERATIONS

Disposal Methods: 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



Proper Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)		
UN No Road:	3266	Tunnel Restriction Code:	(E)
ADR Pack Group:	III	ADR Class:	Class 8: Corrosive substances
Rid Pack Group:	III	Rid Class No:	Class 8: Corrosive substances
IMDG Pack Gr :	III	IMDG Class:	Class 8: Corrosive Substances
Marine Pollutant:	No		
Air Pack Gr :	III	Air Class:	Class 8: Corrosive substances
UN No Air :	3266		
UN No Sea	3266		

15 REGULATORY INFORMATION

Labelling



IRRITANT

Risk Phrases:	R36/38	Irritating to eyes and skin
Safety Phrases:	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S2	Keep out of reach of children
	S46	If swallowed seek medical advice immediately and show this container or label.

Environmental Listings:	Hazardous Waste (England and Wales) Regulations
EU Directives:	System of specific information relating to Dangerous Preparations 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.
Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations 2009 (S.I 2009 No. 716).
Approved code of practice:	The compilation of safety data sheets L130
Guidance Notes:	Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply L100

16 OTHER INFORMATION

Information Sources:	Approved Supply List – HSC (Health & Safety Commission) Material Safety Data Sheet, misc. manufacturers
Revision Comments:	New formulation no change in product classification (Changes made to sections 3 & 16).
Safety data sheet status:	The risk phrases listed below in this Section No 16 relate to the Raw Materials in the product (as listed in Section 3) and NOT the product itself. For the Risk Phrases relating to this product see Sections 2 & 15.

Risk Phrases in full:	R22	Harmful if swallowed
	R35	Causes severe burns
	R36	Irritating to eyes
	R41	Risk of serious damage to eyes



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TRAFFIC FILM REMOVER

Description

Powerful, heavy duty detergent for use with all types of high-pressure powerwash machines. Removes road film & general soiling from the bodywork & chassis of heavy goods vehicles, coaches, buses & tractors.

Features & Benefits

- Quick, effective cleaning action.
- For use on all types of heavy goods vehicles.
- Suitable for use on curtain sided vehicles.
- Ideal for removing heavy soiling from plant machinery & equipment
- Highly recommended for powerwashing floors & walls.
- Cleans chassis prior to M.O.T. Inspections.

How to Use

HEAVY SOILAGE & CHASSIS:

Dilute 1:150 parts cold water.

GENERAL SOILAGE:

Dilute 1:300 parts cold water.

Spray surface, ensuring all areas are covered with the solution.
Leave for one minute & rinse thoroughly with clean water.

Typical Product Data

Appearance:	Liquid
Colour:	Clear. Yellow.
Odour:	Slight odour
Solubility Description:	Soluble in water
pH-Value, Conc solution	13.00
Shelf life unopened:	Not less than 3 years

Storage:

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

Biodegradability:

All surfactants used in Jangro products comply with the current European Regulations concerning Biodegradability and protection of the environment.