



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 DOUBLE STRENGTH  
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

Risk of serious damage to eyes. Irritating to skin.

**CLASSIFICATION (1999/45):** Xi;R41, R38

### 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         |
| Amino Trimethyl Phosphonic Acid Penta Sodium Salt |           | 2235-43-0  | 1-5%    | Xi; R36/38     |
| Sodium Hydroxide                                  | 215-185-5 | 1310-73-2  | 0-1%    | C;R35          |

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

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water whilst lifting the eye lids. Get medical attention immediately. Continue to rinse.  
Skin Contact: Wash skin thoroughly with soap and water. Get medical attention immediately. Continue to rinse.  
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: By heating and 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 during spill: Wear eye/face protection. (See Sec 8). 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 spill: Pick up with vacuum or absorbent solid, store in closed container for disposal.

**7 HANDLING AND STORAGE**

Usage Precautions: Wear eye protection. Avoid contact with skin  
 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- 8 hrs | STEL- 15min | Notes |
|------------------|-----|------------|-------------|-------|
| Sodium Hydroxide | WEL |            | 2 mg/m3     |       |

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

Protective Equipment:



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: Characteristic  
 Solubility: Soluble in water  
 Boiling Point (°C): 100  
 Relative Density: 1.032 @ 20°C  
 Flash Point °C: Boils without flashing  
 Melting point °C: 0  
 pH-Value, Conc solution: 13.30

**10 STABILITY AND REACTIVITY**

Stability: No particular stability concerns.  
 Materials to avoid: No incompatible groups noted.

**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: Potentially hazardous due to the alkalinity of the product.  
 Bioaccumulation: This product does not contain any substances expected to be bioaccumulating.  
 Degradability: Surfactant is readily broken down by 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. Rinse out empty container with water and consign to normal waste.

**14 TRANSPORT INFORMATION**



|                        |  |
|------------------------|--|
| Proper shipping name : | CORROSIVE LIQUID, BASIC, INORGANIC N.O.S (sodium hydroxide solution) |
| UN No Road:            | 3266   |
| ADR Pack Group         | 111  |
| Rid Pack Group:        | 111  |
| IMDG Class             | Class 8: Corrosive Substances  |
| Marine Pollutant:      | No   |
| Air Class:             | Class 8: Corrosive substances  |
| ADR Class:             | Class 8: Corrosive substances  |
| Rid Class No:          | Class 8: Corrosive substances  |
| UN No Sea:             | 3266   |
| IMDG Pack Gr           | 111  |
| UN No Air:             | 3266   |
| Air Pack Gr:           | 111  |

**15 REGULATORY INFORMATION**

Label for supply:



IRRITANT

|                            |   |   |
|----------------------------|---|---|
| Risk Phrases:              | R41   | Risk of serious damage to eyes  |
|                            | R38   | Irritating to skin  |
| Safety Phrases:            | S2  | Keep out of reach of children   |
|                            | S39   | Wear eye/face protection  |
|                            | S24   | Avoid contact with skin   |
|                            | S26   | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
|                            | 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.<br>As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC. |   |
| Statutory Instruments:     | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009<br>(S.I 2009 No.716)   |   |
| Approved code of practice: | The compilation of safety data sheets L130  |   |
| Guidance Notes:            | Workplace Exposure Limits EH40. 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)<br>Material Safety Data Sheet, misc. manufacturers   |
| Revision comments:        | Slight modification of formulation (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:

|        |                                |
|--------|--------------------------------|
| R35    | Causes severe burns.           |
| R22    | Harmful if swallowed           |
| R36/38 | Irritating to eyes and skin    |
| R36    | Irritating to eyes.            |
| R41    | Risk of serious damage to eyes |



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## TRAFFIC FILM REMOVER DOUBLE STRENGTH

### Description

Powerful, extra strength, heavy duty detergent for use with all types of high pressure power wash machines. Removes road film and general soiling from the bodywork 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.
- Concentrated formulation for extra economy.
- Ideal for cleaning chassis prior to M.O.T. Inspections.

### How to Use

#### HEAVY SOILAGE & CHASSIS:

Dilute 1:250 parts cold water.

#### GENERAL SOILING:

Dilute 1:500 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:              | Clear Liquid          |
| Odour:                   | Unperfumed            |
| Specific Gravity (20°C): | 1.032                 |
| Colour:                  | Yellow                |
| pH – undiluted:          | 13.3                  |
| pH – diluted 1:500       | 11.1                  |
| 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