



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
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Tel. 0845 458 5223

JANGRO BB015-5

Revision July 2011

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO KITCHEN DEGREASER HEAVY DUTY
Applications: Heavy duty, alkaline liquid hard surface cleaner
Supplier: Jangro Limited, as above
Email: centraloffice@jangrohq.net
Emergency: 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
Sodium Dodecyl Benzene Sulphonate	246-680-4	25155-30-0	1-5%	Xn; R22 Xi; R36/38
Sodium Metasilicate			1-5%	C;R34. Xi; R36/38
Sodium Cumene Sulphonate	250-913-5	32073-22-6	1-5%	Xi;R36
2-Butoxyethanol	203-905-0	111-76-2	1-5%	Xn; R20/21/22 Xi; R36/38
2-Phosphono-1,2,4-Butane Tricarboxylic Acid Trisodium Salt			1-5%	C;R34
Alcohol (C9-11) Ethoxylate (8EO)		68439-46-3	1-5%	Xn;R22 Xi;R41
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 while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin Contact: Wash thoroughly with soap and water. Get medical attention if irritation persists 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 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 eyes. Avoid contact with skin

Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to The Environment Agency or other appropriate regulatory body.

Spillage Clean Up Methods: Small quantities may be flushed to drains with plenty of water. Large spillages Pick up with vacuum or absorbent solid, store in closed container for disposal.

7 HANDLING AND STORAGE

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

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	TWA – 8 hrs		STEL – 15 min		Notes
2 - Butoxyethanol	WEL	25 ppm(Sk)		50 ppm(Sk)		
Sodium Hydroxide	WEL				2 mg/m3	

INGREDIENT COMMENTS:

WEL = Workplace exposure limits for COSHH assessments in the UK,
 ST = Short-Term Exposure Limit (15 minutes) & LT= Long-Term Exposure Limit (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: Eye protection recommended
 Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.
 Colour: Clear Pale Straw
 Odour: Faint Solvent
 Solubility: Soluble in water
 Boiling Pt. (°C): 102
 Relative Density: 1.084 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): -2
 pH-Value, Conc Solution: 13.45

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
 Bio Accumulation: The product does not contain any substances expected to be bioaccumulating.
 Degradability: Sequestrant is readily degraded during biological effluent treatment processes.

13 DISPOSAL CONSIDERATIONS

Disposal Method: Discharge used solution 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 1:	Corrosive Liquid, Basic, Inorganic, N.O.S (disodium trioxosilicate)		
UN No Road:	3266	ADR Class	Class 8: Corrosive substances
ADR PACK GR:	III	RID Class No:	Class 8: Corrosive substances
TUNNEL RESTRICTION:	(E)		
RID PACK GR:	III	UN No. Sea:	3266
IMDG Class:	Class 8: Corrosive substances	IMDG PACK GR:	III
Marine Pollutant:	No	UN No Air:	3266
Air Class:	Class 8: Corrosive substances	AIR PACK GR:	III

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases:	R36/38	Irritating to eyes and skin
Safety Phrases:	S2	Keep out of reach of children.
	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
	S46	If swallowed, seek medical advice immediately and show this container or label.

Environmental Listings:	Hazardous Waste (England and Wales) Regulations.
EU Directives:	Systems of specific information relating to Dangerous Preparations. 2001/58/EC As amended by Directive 93/112/EC and 2001/58/EC and 2006/8/EC
Statutory Instruments:	The Chemicals (Hazards Information and Packaging for Supply) 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 and 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	R34	Causes burns
	R35	Causes severe burns
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	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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KITCHEN DEGREASER HEAVY DUTY

Description

Powerful multi purpose bactericidal detergent developed for a wide range of cleaning applications in kitchens, food processing operations and general industry. Quickly removes grease and ingrained soil from a variety of hard surfaces, including cooker hoods, deep fat fryers, ovens, floors and walls

Features and Benefits

- Easily removes fat, grease, oil and ingrained soiling
- Very versatile product, effective in hard, soft warm or cold water
- Suitable for use on all hard washable surfaces
- Unperfumed. Ideal for use in kitchens and food processing areas
- Also removes heavy soil in engineering and general industry
- Concentrated formulation for extra economy
- Available in a ready to use formulation in 750ml trigger spray bottle

How to Use

GENERAL CLEANING:

Dilute 20ml of detergent per 5 litres of hot water.
Mop, wipe or spray surface. Rinse with clean water.

HEAVY SOILING AND GREASE:

Dilute 100ml of detergent per 5 litres of hot water.
Mop, wipe or spray surface. Rinse with clean water.

FOR CLEANING DEEP FAT FRYERS:

Switch off, drain out oil and remove oil deposits. Dilute 400ml per 10 lt cold water in fryer. Submerge basket and utensils in solution and soak overnight. Rinse with clean water and allow to air dry.

Composition

Contains a blend of sodium metasilicate, amphoteric surfactant, anionic surfactant, sequestering agent, solubiliser and glycol ether

Typical Product Data

Appearance/ Colour:	Liquid. Clear. Pale straw
Odour/Taste:	Characteristic
Solubility Description:	Soluble in water
pH-Value, Conc:	13.45

Storage:

Store in original sealed container and protect from extremes of temperature