



Jangro Limited
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JANGRO BB015-75

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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
Emergency: 01772 318 818 Between: 8.30am and 4.45pm Mon - Fri

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC NO.	CAS NO.	Content	Classification
2-Butoxyethanol	203-905-0	111-76-2	0-1%	Xn; R20/21/22. 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

Composition Comments: The ingredients are present in non-hazardous concentrations.

4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids.
Skin Contact: Wash skin with soap and water
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if discomfort continues
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: No special protective clothing (See Sec 8)
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: No specific usage precautions noted.
Storage Precautions: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

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 limit 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: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.
 Eye Protection: None required.
 Other Protection: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
 Colour : Clear Colourless
 Odour: Faint Solvent
 Solubility: Soluble in water
 Boiling Pt. (°C): 102
 Relative Density: 1.003 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): -2
 pH-Value, Conc Solution: 12.0

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: Not regarded as dangerous for the environment
 Bio Accumulation: The product does not contain any substances expected to be bioaccumulating.
 Degradability: Surfactant is readily broken down by effluent treatment process

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

General: Not classified for transport

15 REGULATORY INFORMATION

Risk Phrases: NC Not classified
 Safety Phrases: 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:	Systems of specific information relating to Dangerous Preparation Directive (1999/45/EC) and the Safety Data Sheets Directive (91/155/EEC). As amended by Directive 93/112/EC and 2001/58/EC and 2006/8/EC. Including formatting changes as detailed in Annex II of REACH (June 2007)
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. 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
Risk phrases in full:	
R35	Causes severe burns
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.



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KITCHEN DEGREASER HEAVY DUTY

Description

Multi purpose, ready to use, heavy-duty bactericidal detergent developed for a wide range of cleaning applications in kitchen and fast food outlets. Quickly removes grease and ingrained soil from a variety of heavily contaminated surfaces such as cooker hoods, grills, ovens, cupboards and ceramic wall tiles.

Features and Benefits

- Cuts through grease, fat and heavy soiling
- Unperfumed, ideal for use in the Catering industry
- Cleans and kills bacteria in one application
- Suitable for use on a variety of hard surfaces
- For maximum economy also available in 5 lt concentrate pack

How to Use

Spray onto surface and wipe with a clean damp cloth

Composition

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

Typical Product Data

Appearance:	Semi opaque liquid
Odour:	Characteristic
Relative density (20°C):	1.003 @ 20°C
Colour:	White
pH-undiluted:	12.0
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