



Jangro Limited  
Jangro House  
Worsley Road  
Farnworth  
Bolton  
BL4 9LU

Tel. 0845 458 5223

**JANGRO BB015-75**

Revision August 2013

## PRODUCT SAFETY DATA SHEET

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING**

#### 1.1 Product identifier

Product Name: Jangro-KITCHEN DEGREASER HEAVY DUTY rtu  
Internal Id: BB015-75

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Heavy Duty, Alkaline Liquid Hard Surface Cleaner.

#### 1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited  
Jangro House  
Worsley Road  
Farnworth  
Bolton, UK  
BL4 9LU  
Tel; 0845 458 5223  
Fax; 01204 576 801  
[Enquiries@jangrohq.net](mailto:Enquiries@jangrohq.net)

#### 1.4 Emergency telephone number

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

### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1 Classification of the substance or mixture

Classification (1999/45/EEC) Not classified

#### 2.2 Label elements

##### Risk Phrases

NC Not Classified

##### Safety Phrases

S2 Keep out of the reach of children  
S46 If swallowed, seek medical advice immediately and show this container or label.

#### 2.3 Other hazards

This product does not contain any PBT or vPvB substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.2 Mixtures

2-BUTOXETHANOL		0-1%
CAS No.: 111-76-2	EC No.: 203-905-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 – H302	Xn;R20/21/22	
Acute Tox. 4 – H312	Xi;R36/38	
Acute Tox. 4 – H332		
Skin Irrit. 2 – H315		
Eye Irrit. 2 – H319		

SODIUM HYDROXIDE		0-1%
CAS No.: 1310-73-2	EC No.: 215-185-5	Registration Number: 01-2119457892-27-xxxx
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Corr. 1A – H314	C;R35	

The full text for all R-Phrases and Hazard statements are displayed in section 16.

**SECTION 4: FIRST AID MEASURES**

4.1 Description of first aid measures

- Inhalation** Not relevant. Inhalation unlikely. In case of inhalation of spray mist: move person into fresh air and keep at rest.
- Ingestion** DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
- Skin Contact** Wash the skin with soap and water.
- Eye Contact** Promptly wash eyes with plenty of water while lifting the eye lids.

4.2 Most important symptoms and effects, both acute and delayed

- General Information** The severity of the symptoms described will vary dependent of the concentration and the length of exposure.
- Inhalation** No specific symptoms noted.
- Ingestion** No specific symptoms noted. But - May discomfort if swallowed
- Skin contact** No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to the removal of natural oils from skin.
- Eye contact** No specific symptoms noted. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

**SECTION 5: FIRE FIGHTING MEASURES**

5.1 Extinguishing media

Extinguishing media This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

**Specific hazards** When heated and in case of fire, harmful vapours/gases may be formed.

5.3 Advice for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures.

No specific protective clothing (See Sec 8).

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

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.

6.4 Reference to other sections

For personal protection, see section 8.

**SECTION 7: HANDLING AND STORAGE**

7.1 Precautions for safe handling

No specific usage precautions noted.

7.2 conditions for safe storage, including any incompatibilities.

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from oxidising material.

7.3 specific end use (s)

The identified uses for this product are detailed in section 1.2

Usage Description; See product information sheet & label for detailed use of this product.

**SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS**

8.1 Control parameters

No exposure limits noted for ingredients

Name	STD	TWA – 8 Hrs	STEL – 15 Min	Notes
2-BUTOXYETHANOL	WEL	25 PPM(Sk)	50 ppm(Sk)	
SODIUM HYDROXIDE	WEL		2 mg/m3	

WEL = Workplace Exposure Limit

**Ingredient comments**

STEL= Short term exposure limit (15 minute) & TWA= Time weighted average (8hours)

8.2 Exposure controls

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.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Liquid  
 Colour: Clear Colourless  
 Odour: Faint Solvent  
 Solubility: Soluble in water  
 Initial boiling point and boiling range 102  
 Melting point (°c) -2  
 Relative density 1.003 @ 20°c  
 pH-value, conc. Solution 12.0  
 Flash point Boils without flashing

9.2 Other information

None

**SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity

The solution is strongly alkaline and reacts with strong acids with heat generation.

10.2 Chemical Stability

No particular stability concerns.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5 Incompatible materials

Materials to avoid; Aluminium, Tin, Zinc and their alloys.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### 11.1 Information on toxicological effects

Toxicological Information: We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

Other Health Effects Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

### **SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity: Not regarded as dangerous for the environment.

#### 12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

#### 12.2 Persistence and degradability

Degradability: Surfactant is readily broken down by effluent treatment processes.

#### 12.3 Bioaccumulative potential

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

#### 12.4 Mobility in soil

Mobility: Not known.

#### 12.5 results of PBT and vPvB assessments

This product does not contain any PBT or vPvB substances.

#### 12.6 Other adverse effects

Not known

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment 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 as special waste. Rinse out empty container with water and consign to normal waste.

### **SECTION 14: TRANSPORT INFORMATION**

#### 14.1 UN number

#### 14.2 UN proper shipping name

#### 14.3 Transport hazard class(es)

#### 14.4 Packing group

#### 14.5 Environmental hazards

#### 14.6 Special precautions for user

#### 14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC code

### **SECTION 15: REGULATORY INFORMATION**

#### 15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture.

##### **Guidance notes**

Workplace Exposure Limits EH40

##### **EU Legislation**

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC – classification, packaging & labelling of dangerous substances & GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

**15.2 Chemical Safety Assessment**

Not applicable this product is a mixture.

**SECTION 16: OTHER INFORMATION**

**Information Sources:** Material Safety Data Sheet, Misc. manufacturers. CLP Class – Table 3.1 list of harmonised classification and labelling of hazard substances. CHIP Class – Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

**Revisions comments:** New Format Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). – No change in Product Classification – main change is the move of Labelling elements from section 15 to section 2 & section 3 now has a different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision: Issue 4

Safety Data Sheet Status: The Risk phrases/ hazard statements listed below in this section No 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and not the product itself. For the risk phrases/ hazard statements relating to this product see section 2.

**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
NC	Not classified

**Hazard Statements in full**

H319	Causes serious eye irritation
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H332	Harmful if inhaled
H302	Harmful if swallowed
H312	Harmful in contact with 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 @ 20oC
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