



Jangro Limited
Jangro House
Worsley Road
Farnworth
Bolton
BL4 9LU

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: JANGRO OVEN CLEANER
Internal Id: BB020-5 & BB020-75

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

Identified uses Alkaline Cleaner and Degreaser for Ovens and Grills.

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

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) C;R35

2.2 Label element

Contains Sodium Hydroxide



Corrosive

Risk Phrases

R35 Causes severe burns

Safety Phrases

S2 Keep out of the reach of children
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

S45 In case of accident or if you feel unwell, seek medical advice immediately (Show label where possible).

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

SODIUM HYDROXIDE		5-10%
CAS No.: 1310-73-2	EC No.: 215-185-5	Registration Number: 01-2119457892-27-xxxx
Classification (EC 1272/2008) Skin Corr. 1A – H314	Classification (67/548/EEC) 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 immediately!
Skin Contact	Wash skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye Contact	Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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	May cause chemical burns in mouth and throat.
Skin contact	Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.
Eye contact	Extreme irritation of eyes and mucus membranes, including burning and tearing. Corneal damage.

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 area.

5.2 Special hazards arising from the substance or mixture

Unusual fire & explosion hazards: May explode in fire.

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.**

Wear suitable protective clothing, gloves and eye/face protection (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

Wear suitable protective clothing, gloves and eye/face protection.

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. & Acids..

7.3 specific end use (s)

The identified uses for this product are detailed in Section 1.2.

Usage Description: See product information sheet and label use if this product.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS

8.1 Control parameters

Name	STD	TWA – 8 Hrs		STEL – 15 min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit

Ingredient Comments

STEL = Short Term Exposure Limit (15 Min) & TWA = Time Weighted Average (8 hours)

8.2 Exposure controls

Engineering Measures: Not relevant.
 Respiratory Equipment: Respiratory protection not required.
 Hand Protection: Use protective gloves (household rubber gloves).
 Eye Protection: use approved safety goggles or face shield
 Other Protection: Wear suitable protective clothing as protection against splashing or contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Viscous Liquid
 Colour: Opaque Yellow
 Odour: Citrus
 Solubility: Soluble in water
 Initial boiling point and boiling range 102 760 mm Hg
 Melting point (°c) -3
 Relative density 1.107 @ 20°c
 pH-value, conc. Solution 13.80
 Flash point Boils without flashing

9.2 Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The solution is strongly alkaline and react 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; Strong acids. 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.

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: Sequestrant is readily degraded during biological 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**

UN No. (ADR/RID/ADN) 1824

UN No. (IMDG) 1824

UN No. (ICAO) 1824

14.2 UN proper shipping name

Proper Shipping Name SODIUM HYDROXIDE 8% SOLUTION

14.3 Transport hazard class(es)

ADR/RID/ADN Class	Class 8; Corrosive substance
IMDG Class	Class 8: Corrosive substance
ICAO Class/Division	Class 8: Corrosive substance
Transport Labels	



14.4 Packing group

ADR/RID/ADN Packing Group	II
IMDG Packing Group	II
ICAO Packing Group	II

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant: No

14.6 Special precautions for user

EMS	F-E, S-D
Tunnel Restriction Code	(E)

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

Not relevant for packaged product.

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.

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.

Revision Date 01/10/12

Revision Issue 4

Risk phrases in full

R35 Causes severe burns.

Hazard Statements in full

H314 Causes severe skin burns and eye damage



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OVEN CLEANER

Description

Powerful and very effective heavy duty oven cleaner. For cleaning the interior of enamelled ovens, enamelled surfaces, griddles and cast iron hobs.

Features and Benefits

- Removes stubborn baked and burnt on grease
- Ideal for the deep cleaning of ovens
- Viscous formulation clings to the vertical surfaces to increase the contact time and therefore improve the cleaning action
- Low odour
- Available in an easy to use 750ml bottle c/w trigger spray
- Also packed in 5 lt bottle for extra economy

How to Use

Warm the griddle or oven to 40-45°C. Switch off appliance. Carefully wipe or spray undiluted oven cleaner onto surface. Start at the back of the oven and work forward. Leave for a few minutes. Agitate with a brush or scouring pad. Rinse off with clean water. Allow to air dry.

NOT TO BE USED ON THE FOLLOWING:

The exterior of ovens, aluminium, painted, easy clean or self clean surfaces

Composition

Contains a blend of sodium hydroxide, anionic surfactant, thickening agent, perfume and dye.

Typical Product Data

Appearance:	Opaque viscous liquid
Odour:	Light lemon
Specific Gravity (20°C):	1.107
Colour:	Yellow
pH-undiluted:	13.8
Shelf Life Unopened:	Not less than 3 years

Packaging

Pack:	6 x 750ml
	5lt

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