



# SAFETY DATA SHEET

## Jangro - GLASSWASH DETERGENT

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

#### 1.1. Product identifier

Product name Jangro - GLASSWASH DETERGENT  
 Product No. A069 JA  
 Internal Id BB125-5

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

Identified uses Alkaline Liquid detergent for Glass washing machines

#### 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 579 499  
 centraloffice@jangrohq.net

#### 1.4. Emergency telephone number

01772 318 818 - 8.30am to 4.45pm - Mon to Fri

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36/38.

#### 2.2. Label elements

##### Labelling



Irritant

##### Risk Phrases

R36/38 Irritating to eyes and skin.

##### Safety Phrases

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.  
 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

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## 3.2. Mixtures

SODIUM HYDROXIDE		1-5%
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 attention.

#### **Skin contact**

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

#### **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.

### 4.2. Most important symptoms and effects, both acute and delayed

#### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### **Inhalation**

Irritation of nose, throat and airway.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Skin irritation. Prolonged skin contact may cause redness and irritation.

#### **Eye contact**

May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

## SECTION 5: FIREFIGHTING 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 firefighters

#### **Protective equipment 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

Avoid contact with skin and eyes.

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## 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

Avoid contact with skin and eyes.

### 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 & Label for detailed use of this product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

#### **Ingredient Comments**

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

### 8.2. Exposure controls

#### **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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear (Un-dyed)
Odour	Faint
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	102

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Melting point (°C)	-2
Relative density	1.061 @ 20 °c
pH-Value, Diluted Solution	10.60 @ 3ml per Litre %
Flash point (°C)	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**

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.

#### **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**

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.

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## 12.5. Results of PBT and vPvB assessment

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 by approved waste contractor. Consign empty container to normal waste.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	3266
UN No. (IMDG)	3266
UN No. (ICAO)	3266

### 14.2. UN proper shipping name

Proper Shipping Name      CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	Class 8: Corrosive substances.
IMDG Class	Class 8: Corrosive substances.
ICAO Class/Division	Class 8: Corrosive substances.
Transport Labels	



### 14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-A, S-B
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.

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## 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

No chemical safety assessment has been carried out as not applicable as 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 labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

#### Revision Comments

New Format Safety 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 6

**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.

R36/38 Irritating to eyes and skin.

#### Hazard Statements In Full

H319 Causes serious eye irritation.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.