



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SINK AND DRAIN MAINTAINER  
Supplier: Jangro Limited, as above  
Emergency: 01772 318818 (8.30am to 4.45pm)

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Free flowing liquid acid.

Ingredient Name	EC No.	CAS No.	CONTENT	Risk Phrase
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-20%	C;R35
SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE	231-668-3	7681-52-9	5-10%	C;R34 R31 N;R50

The Full Text for all R-Phrases are displayed in section 16

### 3 HAZARDS IDENTIFICATION

Causes severe burns. Contact with acids liberates toxic gas.

Classification C;R35. R31

### 4 FIRST AID MEASURES

#### ACT IMMEDIATELY

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Obtain medical attention urgently. Continue to rinse.

Skin: Remove contaminated clothing. Wash skin immediately with plenty of soap and running water. Obtain medical attention promptly if symptoms occur after washing.

Inhalation: Not relevant. Inhalation unlikely.

Ingestion: Do not induce vomiting. If the product has been confined to the mouth, give large quantities of water as mouth wash, ensuring that it is not swallowed. If product has been swallowed, give water or milk to drink immediately and obtain medical attention.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable use fire-extinguishing media suitable for surrounding materials. If involved in fire, may emit noxious fumes. Wear full protective clothing and self contained breathing apparatus.

### 6 ACCIDENTAL RELEASE MEASURES

Small Spillages: Avoid contact with skin, eyes and clothing. Wear full protective clothing, see Section 8, including boots. Small quantities may be flushed with plenty of water.

Large Spillages: Large spillages or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body. Large spillages absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7 HANDLING AND STORAGE

Usage Precautions: Always wear the personnel protective equipment listed below.

Storage Precautions: Store in a cool place away from light. Keep in original container. Keep containers tightly closed.

8 PERSONAL PROTECTION / EXPOSURE CONTROLS

Wear PVC gloves, safety goggles or full face-shield and suitable protective clothing.

**Occupational Exposure Limits:**

Hazard Ingredient	Std	LT- ppm	LT- mg/m <sup>3</sup>	ST- ppm	ST- mg/m <sup>3</sup>
Sodium Hydroxide	WEL	-	-	-	2 mg/m <sup>3</sup>

**Ingredient Comments**

WEL= Workplace Exposure Limits

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Colour:	Clear pale yellow
Odour:	Faint characteristic hypochlorite
pH-value, conc solution:	13.70
Relative Density (20°C):	1.296 @ 20 °c
Flash Point:	n/a
Solubility in Water:	Soluble
Boiling point:	102
Melting point:	-2

10 STABILITY AND REACTIVITY

Stability:	Inadequately vented containers may become pressurised.
Conditions to Avoid:	Heat and direct sunlight.
Materials to Avoid:	Strong acids. Aluminium, Tin, Zink and their alloys.
Hazardous Decomposition Products:	Toxic chlorine gas is released if product is mixed with acidic materials.

11 TOXICOLOGICAL INFORMATION

Refer to section 3.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Potentially hazardous due to the alkalinity of the product.
Bioaccumulation:	Completely soluble. No bioaccumulation.
Degradability:	Sequestrant is readily degraded during biological treatment processes.

13 DISPOSAL CONSIDERATIONS

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.

14 TRANSPORT INFORMATION

Un No Road:	1719
Road Carriage:	Corrosive liquid
TREM Card No:	80G01
ADR/RID Class:	Class 8: Corrosive substances.
IMDG Class and Packing Group:	Class 8 Packing Group II
Proper Shipping Name:	Caustic Alkali Liquid, N.O.S. (Sodium hydroxide solution & hypochlorite solution)
Marine Pollutant:	No

15 REGULATORY INFORMATION

CHIP Classification:	Corrosive
Risk Phrases:	R35 Causes Severe Burns R31 Contact with acids liberates toxic gas
Safety Phrases:	S2 Keep out of reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advise immediately (show label where possible). S50B Do not mix with other products especially acidic products.
Environmental listing	Hazardous waste (England and Wales) regulations.
EU Directives	System of specific information relating to dangerous preparations. 2001/58/EEC. As amended by directive 93/112/EC and 2001/58/EC.
Statutory instruments	Chemicals (hazard information and packaging) regulations. 2005
Approved code of practice	The completion 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. Material safety data sheet, Misc. manufacturers.

Risk Phrases in Full:

R31:	Contact with acids liberates toxic gas.
R34:	Causes burns.
R35:	Causes severe burns.
R50:	Very toxic to aquatic organisms.



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**JANGRO BC068-2**  
Revision November 2008



## SINK AND DRAIN MAINTAINER

### Description

Powerful, high active liquid which emulsifies grease, fat & food deposits in drains, gulleys and waste outlet pipes. It is formulated to work very quickly and efficiently to help keep drains free flowing, avoid blockages & overcome malodours.

### Features & Benefits

- Emulsifies & quickly clears grease & fat.
- Helps to keep drains & gulleys free flowing.
- Will reduce build-ups & blockages.
- Controls malodours.
- Suitable in kitchens, washrooms & shower areas.

### How to Use

#### WASTE BUILD UP & REGULAR MAINTANENCE:

Pour 250ml into drain or down sink, once or twice a week.

#### BLOCKAGE:

Pour 500ml slowly into drain or down sink and allow up to 20 minutes for the blockage to clear or, alternatively, leave overnight. Flush drain or sink with hot water.

Please note: after using this product do not use a plunger, as product may still be present in the outlet pipe.

### Composition

Contains a blend of sodium hypochlorite solution, sodium hydroxide & sodium phosphonate.

### Typical Product Data

Physical Form:	Liquid
Colour:	Clear pale yellow
Odour:	Faint characteristic hypochlorite
pH-value, conc solution:	13.70
Relative Density (20°C):	1.296 @ 20 °c
Flash Point:	n/a
Solubility in Water:	Soluble
Boiling point:	102
Melting point:	-2