



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
Email: centraloffice@jangrohq.net
Emergency: 01772 318818 (8.30am to 4.45pm Mon to Fri)

2 HAZARDS IDENTIFICATION

Causes severe burns. Contact with acids liberates toxic gas. Very toxic to aquatic organisms..
Classification C;R35. N;R50. R31

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	CONTENT	Risk Phrase
SODIUM HYDROXIDE	215-185-5	1310-73-2	10-20%	C;R35
SODIUM HYPOCHLORITE SOLUTION, ... % CI 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

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.
Skin: Wash skin immediately with plenty of soap and water. Get medical attention promptly if symptoms occur after washing.
Inhalation: Not relevant. Inhalation unlikely.
Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.
Specific Hazards: By heating and 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: Wear suitable protective clothing, gloves and eye/face protection. (See section 8)
Environmental Precautions: This product is dangerous for the environment. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environment Agency or other appropriate regulatory body.
Spill 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: Wear suitable protective clothing, gloves and eye/face protection.

Storage Precautions: Store in a cool place. Protect from light, including direct sunrays. Keep in original container. Keep containers tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA – 8 hrs	STEL – 15 min
Sodium Hydroxide	WEL		2 mg/m3

WEL= Workplace Exposure Limits

Ingredient Comments

WEL = Workplace Exposure Limit for COSHH assessments in the UK

ST = Short-term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours)

Protective Equipment



Engineering methods: Not relevant
 Respiratory Equipment: Not relevant
 Hand Protection: Wear protective gloves (Household rubber gloves)
 Eye Protection: Use approved safety goggles or face shield
 Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

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: Boils without flashing
 Solubility in Water: Soluble
 Boiling point: 102
 Melting point: -2

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Refer to section 2.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Dangerous for the environment. Very toxic to aquatic organisms. Another potential hazard is from the alkalinity of the product.
 LC 50, 96 Hrs, FISH mg/l Sodium Hypochlorite [CAS No. 7681-52-9] 0.03 – 0.2 mg/l
 Bioaccumulation: This product does not contain any substances expected to be bioaccumulating.
 Degradability: Sequestrant is readily degraded during biological treatment processes.
 Acute Fish Toxicity: Very toxic to aquatic organisms

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



Proper Shipping Name:	Caustic Alkali Liquid, N.O.S. (Sodium hydroxide solution & hypochlorite solution)
Un No Road:	1719
ADR Class:	Class 8: Corrosive substances.
ADR Pack Group:	II
Tunnel restriction Code:	(E)
RID Class No.:	Class 8: Corrosive substances.
RID Pack No.:	II
UN No. Sea:	1719
IMDG Class:	Class 8: Corrosive substances
IMDG Pack Gr.:	II
Marine Pollutant:	Yes
UN No. Air:	1719
Air Class:	Class 8: Corrosive substances
Air Pack Gr.:	II

15 REGULATORY INFORMATION

Labelling:



Corrosive



Dangerous for the environment

Risk Phrases:	R35	Causes Severe burns
	R31	Contact with acids liberates toxic gas
	R50	Very toxic to aquatic organisms
Safety Phrases:	S2	Keep out of 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 advice.
	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 and 2006/8/EC.
Statutory instruments	Chemicals (Hazard Information and Packaging) Regulations. 2008
Approved code of practice	The compilation 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 (Health & Safety Commission). 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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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