

SAFETY DATA SHEET

Liquid Power Sink & Drain Cleaner

1. Identification Of The Preparation And The Company

Product Name: Liquid Power Sink & Drain Cleaner
Applications: Cleaning & Unblocking of sinks & drains
Supplier: M.P.M. Consumer Products Ltd, West St
Clayton, Manchester, M11 4EF
Telephone Number: (0161) 231 6111

2. Composition Information On Ingredients

Ingredient Name	CAS No.	Contents	Exposure Limits	
			8Hr TWA	15 Min TWA
Sodium Hypochlorite Classification C R31 R34	7681-52-9	5-10% (typical is 5.17%)	not determined	not determined
Sodium Hydroxide Classification C R35	1310-73-2	1-5%	not determined	not determined
Amine Oxide Classification Xi R38 R41	3332-27-2	1-5%	not determined	not determined

3. Hazards Identification

Hazards to Human Health: Causes Burns

Signs & Symptoms:

Inhalation	Excessive inhalation may lead to corrosive damage to respiratory system
Skin	Causes Burns
Eye	Direct contact can cause irreversible damage
Ingestion	May cause corrosive damage
Physico-Chemical	None
Environmental Hazards	This preparation does not contain any materials classified as dangerous for the environment. On the basis of available information this products is not expected to produce any significant adverse environmental effects, when used as prescribed.

4. First Aid Measures

Eyes: Wash eye out with water for 20 minutes and seek medical advice
Skin: Wash concentrate from skin with cold water for 20 minutes. Seek medical advice
Inhalation: Remove patient to fresh air. Seek medical advice if irritation persists.
Ingestion: Seek medical advice immediately.

5. Physical & Chemical Properties

Colour:	Clear Straw
Odour:	Characteristic Chlorine odour
Solubility Description:	Fully Soluble In All Proportions
Specific Gravity:	1.1 - 1.170 @20°C
Melting Point:	n/a
Boiling Point:	n/a
pH:	13
Viscosity	1200-1500 cP

6. Disposal

Dispose According To Local Regulations

7. Fire Fighting Measures

Extinguishing Media:	Use Extinguishing Media Appropriate For Surrounding Fire
Fire Fighting Procedures:	No specific fire fighting procedures given.
Fire & Explosive Hazards:	No unusual fire or explosive hazards noted

8. Accidental Release Measures

Spill Clean Up Methods:	Absorb Spillage in an inert material and shovel up. Flush spill area with water.
Personal precautions:	Wear protective clothing when dealing with spillage.
Environmental Protection:	No special requirements needed.

9. Ecological Information

Biodegradability:	No data available
Acute Fish Toxicity:	No data available

10. Handling & Storage

Special Precautions:	Avoid spilling, skin and eye contact. Do not mix with other chemicals. Wash thoroughly after use.
Storage:	Keep in cool, dry, ventilated storage and closed containers. Keep out of the reach of children. Keep from heat

11. Exposure Controls/Personal Protection

Ventilation:	Use only in well ventilated areas
Respiratory:	None noted, But If Chlorine Gas Is Inhaled Seek Medical Advise
Protective Gloves:	The Wearing Of Gloves Is Advised
Eye Protection:	Wear Goggles

12. Toxicological Information

Target Organs:	Eyes, skin
Estimated LD50	>2ml/Kg

13. Stability And Reactivity

Stability:	Normally Stable In Closed Container. Contact with acid liberates toxic gas
Conditions to Avoid:	May decompose on exposure to heat
Materials to avoid:	Reacts with acid. Reacts with reducing agents. Reacts with aluminium and copper.
Hazardous Decomposition Products:	Possibly Chlorine If Mixed With Other Cleaning Products
Polymerisation Description:	Not relevant
Other Hazards:	Avoid prolonged Contact With Metallic Objects, Particularly Gold & Silver.

14. Transport Information

Road / Rail (ADR/RID):	
UN #	UN 3266
Class	8
Entry Description	Corrosive Liquid, basic, inorganic, mixture contains sodium hydroxide and sodium hypochlorite.
Derogation	Limited quantities derogation may be applicable to this product. Please check transport documents.
Sea (IMDG)	
UN #	UN 3266
Class	8
Entry Description	Corrosive Liquid, basic, inorganic, mixture contains sodium hydroxide and sodium hypochlorite.
EmS	8-15
MFAG	760
Marine Pollutant	No
Derogation	Limited quantities derogation may be applicable to this product. Please check transport documents.

15. Regulatory Information

Classification (88/379/EEC):

Risk Phrases:

Safety Phrases:

Corrosive

(R34) Causes Burns.

(S1/2) Keep locked up and out of the reach of children

(S24/25) Avoid contact with the skin and eyes.

(S26A) In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes and seek medical advice

(S27) Take off immediately all contaminated clothing

(S28A) After contact with skin, wash immediately with plenty of cold water for at least 20 minutes and seek medical advice

(S36/37/39) Wear suitable protective clothing, eye protection and gloves.

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

Additional Labelling

Warning! Do not use with other products. May release dangerous gases (chlorine). Keep in a cool place and store bottle upright.

UK Regulatory References:

Health & Safety At Work Act 1974

Chemicals (Hazard Information & Packaging For Supply)

Regulations 1994

EU Directives:

Substances Directive 67/548/EEC As Amended By:

69/81/EEC 70/189/EEC 75/409/EEC 79/831/EEC

General Preparations Directive 88/379/EEC

Codes Of Practice:

Safety Data Sheets For Substances & Preparations

Dangerous For Supply

16. Other Information

Revision Date: 2 May 1998