



Material Safety Data Sheet

Revision Date

08-Apr-2005

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code QL6230
Product name Pipe Down
Recommended Use Sewer and Drain Maintenance

Supplier The JI Holcomb Company
 600 Corporate Woods Parkway
 Vernon Hills, IL 60061
 (847) 955-1501

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
 Corrosive.

Aggravated Medical Conditions

No information available

Principal Routes of Exposure

Eyes. Skin. Inhalation. Ingestion.

Potential health effects

Eyes	Corrosive to the eyes and may cause severe damage including blindness.
Skin	Corrosive. Contact causes severe skin irritation and possible burns.
Inhalation	Respiratory irritation. Chemical burns.
Ingestion	Corrosive. Irritating to mouth, throat and stomach. Can burn mouth, throat, and stomach. Harmful or fatal if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium hydroxide	1310-73-2	10-30

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin contact Flush area with water for 15 minutes. Seek medical attention if irritation persists.
Ingestion Give large amounts of milk or water. Do not induce vomiting. Seek medical attention if irritation persists.
Inhalation Remove to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point °C No data available
Flash point °F No data available
Method Tag closed cup

Autoignition temperature
Autoignition temperature °C No data available
Autoignition temperature °F

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media

Product is nonflammable. Use extinguishing media appropriate to surrounding fire.

Extinguishing media which must NOT be used for safety reasons

No information available.

Special protective equipment for firefighters

No information available.

Special Fire-Fighting Procedures

Avoid skin and eye contact..

Hazardous decomposition products

See Section 10

Fire and Explosion Hazards

In the event of fire and/or explosion do not breathe fumes.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information.

Clean-up methods - small spill

Flush into normal drainage with copious amounts of water (if local regulations permit). Soak up excess with absorbent material.

Clean-up methods - large spill

Contain spill by diking or other methods. Hold for disposal or reuse. .

**Partition Coefficient
(n-octanol/water)**

No data available

7. HANDLING AND STORAGE**Handling**

Keep in a well-ventilated place. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage

Check daily for any leaks from containers, vessels, pumps, and piping. Store in a well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium hydroxide	2 mg/m ³	-	-	-

Ventilation and Environmental Controls

No information available

Hygiene measures

Remove and wash contaminated clothing before re-use.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand protection

Protective gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

Boots. Lightweight protective clothing.

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear
Odor	Lemon
Odor Threshold	No information available
pH	13
Specific Gravity	1.20
Boiling point/range °C	> 100
Boiling point/range °F	> 212
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	No data available
Flash point °F	No data available
Vapor pressure	40
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

No information available

Materials to avoid

Alkalis. Strong acids. Active metals (i.e.. zinc, magnesium, tin, aluminum and their alloys).

Hazardous decomposition products

Contact of metal alloy powders with strong acids may form flammable and explosive hydrogen gas.

Polymerization

Will not occur.

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION**Component Information****Potential health effects****Sensitization** No information available.**Chronic toxicity** No information available.**Mutagenic effects** No information available.**Teratogenic effects** No information available**Reproductive toxicity** No information available**Target Organ Effects** No information available**Carcinogenic effects**

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Sodium hydroxide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products

As supplied, this product is a RCRA Hazardous Waste . Rinse empty container thoroughly with water before discarding. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

DOT Sodium hydroxide solution Mixture, 8,UN1824,PG II,RQ

TDG

SODIUM HYDROXIDE SOLUTION, Class 8,UN1824,PG II

IMDG/IMO

Sodium hydroxide solution,UN1824,PG II

IATA

Sodium hydroxide solution,UN1824,PG II

MEX

UN1824 Sodium hydroxide solution,8,II

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Sodium hydroxide	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Sodium hydroxide	X	X	-	X

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION**NFPA**

Health -

HMIS

Health - 4

Flammability - 0

Physical Hazard - 0

Reason for revision

No information available.

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.