

Material Safety Data Sheet

Revision Date 11-Apr-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code JL1000T06
Product name Javelin™ Tub and Sink Drain Treatment
Recommended Use Sewer and Drain Maintenance
Supplier Lawson Products, Inc.
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Corrosivel. The product causes burns of eyes, skin and mucous membranes. May be fatal if swallowed.

Aggravated Medical Conditions
None Known

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 May cause the following effects. 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 %
Water	7732-18-5	53-55
Sodium hydroxide	1310-73-2	30-60
Fragrance	N/A	0-1

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention IMMEDIATELY.

Skin contact Remove and wash contaminated clothing before re-use. 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 None
Flash point °F None
Method No information available

Autotnition temperature °C Not Applicable
Autotnition temperature °F Not Applicable

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.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Special Fire-Fighting Procedures
Avoid skin and eye contact.

Fire and Explosion Hazards
Contact with active metals can release flammable hydrogen gas. Water used to fight fire may become corrosive upon contact with product.

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. Neutralize with acid before collection and disposal. Hold for disposal or reuse.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. In case of insufficient ventilation, wear suitable respiratory equipment. Have water hose convenient in case of spill or leakage. Only use containers and equipment designed for alkali service.

Storage

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits

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. Wear a NIOSH approved alkali mist respirator.

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	1.45
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Evaporation Rate	No data available
Water solubility	Soluble in water
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	104

Boiling point/range °F	220
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	None
Flash point °F	None

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Contact with active metals can release flammable hydrogen gas.

Incompatibility

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

Hazardous Decomposition Products

Vapors from decomposition.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (Inhalation, rat)
Sodium hydroxide 1310-73-2	-	1350 mg/kg	-
Fragrance N/A	-	-	-
Water 7732-18-5	90 mL/kg	-	-

Synergistic Products

None known

Potential health effects

Sensitization	None known
Chronic toxicity	None known
Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	See Section 2
Carcinogenic effects	See table below

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and Sink Drain Treatment

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
Fragrance	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity effects No information available

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
Consumer commodity, ORM-D

TDG
Consumer commodity, ORM-D

15. REGULATORY INFORMATION

State Regulations

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

International Inventories

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

CPR
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 - 4
Flammability - 0
Reactivity - 0

HMIS

Health - 4
Flammability - 0
Physical Hazard - 0

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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.