

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET****FLOW FREE / 3420****APRIL 2011****PAGE 1**

HEALTH	2
FIRE	0
REACTIVITY	3
P.P.E.	X

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL FAMILY:** Caustics  
**GENERIC NAME:** Drain Maintainer

**SECTION 2 – Composition on Ingredients**

CHEMICAL NAME	CAS NO.	WT.%	PEL	ACGIH/TVL	OTHER LIMITS
Sodium Hydroxide	1310-73-2	< 100	No Info	2 mg/m <sup>3</sup>	No Info

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372:

CAS#	CHEMICAL NAME	% WT
1310-73-2	Sodium Hydroxide	99.00

**SECTION 3 – Hazards Information****EFFECTS OF OVEREXPOSURE:****PRIMARY ROUTE OF ENTRY:**

**SKIN:** Destructive – overexposure may cause burns.  
**EYES:** Destructive – exposure may cause burns, eye injury, and blindness.  
**INHALATION:** Excessive inhalation may damage respiratory tract. Possible nausea, dizziness, and difficulty breathing.  
**INGESTION:** Extremely corrosive, large quantities could cause severe pain, nausea, death.

**SECTION 4 – First Aid Measures**

**SKIN:** Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists.  
**EYES:** Flush with water for 15 minutes while lifting eyelids apart to assure complete removal. Get medical attention.  
**INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.  
**INGESTION:** Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT (METHOD USED):** N/A  
**FLAMMABLE LIMITS:** LEL: N/A  
**EXTINGUISHING MEDIA:** Water fog, CO<sub>2</sub>, dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** SCBA, protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extinguish all ignition sources. Flammable hydrogen gas may be liberated.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems.

**SECTION 7 – Handling and Storage**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep out of reach of children. Keep container tightly closed when not in use. For Trained Industrial and Institutional Personnel Only. Practice good hygiene after handling this material.

**SECTION 8 – Exposure Controls/Personal Protection**

**RESPIRATORY PROTECTION:** Use a NIOSH/OSHA-approved respirator for materials in Section 2 when ventilation is restricted. Use in well-ventilated area.

**VENTILATION:** Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.

**PROTECTIVE GLOVES:** None required.

**EYE PROTECTION:** Safety glasses or goggles.

**OTHER PROTECTIVE EQUIPMENT:** None required.

**SECTION 9 – Physical and Chemical Properties**

<b>APPEARANCE AND ODOR:</b>	Orange pearls, Lemon odor		
<b>BOILING POINT RANGE (°F):</b>	N/A	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b>	2.13
<b>VAPOR PRESSURE (mmHg):</b>	Unknown	<b>VAPOR DENSITY (air=1):</b>	N/A
<b>% VOLATILE:</b>	Negligible	<b>pH:</b>	13.0 – 14.0
<b>MELTING POINT:</b>	N/A	<b>EVAPORATION RATE:</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Partial	<b>(Butyl Acetate=1)</b>	

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** No data.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (Materials to Avoid):** Active metals, strong acids.  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Carbon dioxide, carbon monoxide.

**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Dispose in accordance with appropriate Federal, State and Local regulations.

**SECTION 14 – Transport Information**

**PROPER SHIPPING NAME:** Corrosive Solids, N.O.S., 8, UN1759, PG II (Contains: Sodium Hydroxide)

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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**SECTION 15 – Regulatory Information**

No Data Available.

**SECTION 16 – Other Information**

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

**Disclaimer:** The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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