

# REAM

## THERMO-CHEMICAL DRAIN LINE MAINTAINER

REAM is a thermo-chemical drain line opener that cleans and maintains drains by attacking the key sources of stopped or slow-moving drains.

REAM dissolves hair, soap scum, & slime that becomes trapped, matted, and tangled causing a continual problem in showers, sinks, urinals, drains, and bathtubs.



# REAM

## THERMO-CHEMICAL DRAIN LINE MAINTAINER & OPENER

Dissolves Hair, Soap Scum & Slime  
Flushes Urine Salts from Urinal Trap  
No Fumes—Pleasant Scent  
Restores Drains to Full Flow  
Will NOT Harm Pipes or Fittings  
Biodegradable

Authorized by  
USDA for use in Federally Inspected  
Meat and Poultry Plants

## REAM

## THERMO-CHEMICAL DRAIN LINE MAINTAINER & OPENER

### CONTACT INFORMATION

OFFICE:  
1-888-6PURITY (678-7489)  
FAX  
1-877-9PURITY (978-7489)  
ADDRESS:  
114 SOUTHFIELD PKWY  
SUITE 120  
FOREST PARK GA. 30297  
[www.puritychemicals.com](http://www.puritychemicals.com)

### FOR USE BY:

Barber Shops  
Beauty Salons  
Canneries  
Processing Plants  
Hospitals  
Hotels/Motels  
Meat Packers  
Municipalities  
Nursing Homes  
Rendering Plants  
Resorts  
Restaurants  
Schools

### FOR USE ON:

Drains  
Toilets  
Shower Drains  
Bathroom Sinks  
X-Ray Sinks  
Scum Build-Up  
Drinking Fountains  
Urinals  
Hair Clogs  
Organic Matter  
Floor Drains  
Tub Drains  
Hard-Water Deposit

### FEATURE-BENEFIT:

No Fumes  
Pleasant Scent  
Biodegradable  
Flushes Urine Salts  
From Urinal Traps  
Will Not harm Pipes  
or Fittings.  
Restores Drains to  
Full Flow.  
Dissolves Soap Scum,  
Hair & Slime.

### DIRECTIONS:

Good safety practice should include the use of rubber gloves, protective clothing, eye protection when using. Remove any excess water. While holding container at arm's length, add one capful. Slowly trickle water into drain. Let stand for 60-90 seconds. Repeat until drain is free-flowing. Then, flush well with water. Never position head over drain opening.

**DO NOT USE HOT WATER OR OTHER  
CHEMICALS WITH THIS PRODUCT.**

### TECHNICAL DATA:

Appearance: Orange Granules  
Odor: Lemon Scent  
Flash Point: None  
pH: 13.0 - 14.0  
Ingredients: Sodium Hydroxide  
Solubility in Water: Partial  
Boiling Point Range: 2530°F

**Material Safety Data Sheet**

(Prepared according to 29 CFR 1910.1200)

Revised: 01/05

Prepared By: TA

Date of Preparation:

**Section - 1 Product and Company Identification**

<b>Product Name: Ream</b>	Chemical Family:	Causics
Generic Name:	Formula:	P801
Suppliers Name:	Pubty Chemicals, Inc.	
Suppliers Address:	114 Southfield Pkwy, Suite 120 Forest Park, GA 30237	

Proper Shipping Name: Corrosive Solids, N.O.S., 8 UN1799 P811 (Contains Sodium Hydroxide)

Information Phone Number: 404-363-0187 Emergency/ Phone No 000-555-5053

HMIS Code: Reactivity: 0 Flammability: 0 Health: 0 Personal Protection: A

**Section - 2 Hazard Ingredients / Identity Information**

Hazardous Components (Specific Chemical Identity:)	OSHA PEL	ACGIH/TLV	Other Limits	% Wt.
<b>Common Name(s)</b>				
Sodium hydroxide	1310-73-2	No info	2mg/m <sup>3</sup>	No info
				< 100

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:

	1310-73-2	Sodium Hydroxide	99.00
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**Section III - Physical / Chemical characteristics**

<b>Boiling Point Range °F:</b>	2530°	<b>Specific Gravity (H<sub>2</sub>O =1)</b>	2.13
<b>Vapor Pressure (mm Hg):</b>	Unknown	<b>melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Partial	<b>( Butyl Acetate = 1)</b>	
<b>Appearance and Odor :</b>	Orange Granules, Lemon Odor	<b>% Volatile</b>	Negligible
<b>pH:</b>	13.0 - 14.0		

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used):</b>	N/A	Flammable limits:	LEL	UEL
			N/A	N/A

**Extinguishing Media:** Water Fog, CO2, Dry Chemical**Special Fire Fighting procedures:** SCBA, Protective Clothing**Unusual Fire and Explosion Hazards:** Extinguish all ignition sources, Flammable Hydrogen Gas may be liberated.**Auto Ignition Temperature:****Section V - Reactivity Data**

<b>Stability:</b>	Unstable	<b>Conditions to Avoid:</b>	
	Stable		X

**Incompatibility (Materials to avoid):** Active Metals, strong acids**Hazardous Decomposition or By products:** Carbon Monoxide, Carbon Dioxide**Hazardous Polymerization:** May Occur**Will not Occur:** X**Section VI - Health Hazard Information****Effects of Overexposure:****Primary Route of Entry:****Skin:** Destructive - Overexposure may produce 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.**First Aid procedures:****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 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 VII - Spills, Leaks and Disposal Procedure****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.

**Waste Disposal Method:**

Dispose in accordance with appropriate Federal, State and Local regulations.

**Section VIII - Exposure Controls / Personal Protection****Respiratory Protection:** NIOSH/OSHA approved respirators for materials in

section 2 when ventilation is restricted. Use in well ventilated area

**Protective Gloves:** None required**Other Protective Equipment:** None required.**Ventilation:** Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.**Eye Protection:** Safety glasses or goggles.**Section IX - Special Precautions and Comments****Handling Precautions:** Keep out of reach of children.

For Trained Industrial and Institutional Personnel Only.

**Storage Requirements:** Keep container tightly closed when not in use**Comments:** Practice good hygiene after handling this material.