

ONE SHOT

ALKALI DRAIN OPENER

ONE SHOT is a ready to use, non-fuming, non-acid drain opener. **ONE SHOT** is an instant drain opener and line maintainer that removes all organic obstructions without the hazards of an acid drain opener. **ONE SHOT** can be used anywhere and works great through standing water in toilets, sinks, drinking fountains, urinals, x-ray sinks and grease traps. All you have to do is pour in 6 to 16 ounces in your drain, wait a few minutes, and the clog is gone. Another thing that is great about it, is that with regular use (once a week), it will provide continual drain maintenance for those stubborn sluggish and frequently clogged drains.

FOR USE BY: FOR USE ON: FEATURE-BENEFIT:

Airports	X-Ray Drains	Non Acid
Apartment Buildings	Toilets	High Alkaline
Buildings Maint.	Sinks	Professional Strength
Grounds Maint.	Garbage Disposal	Safer Than Acid
Bus Lines	Floor Drains	Non Fuming
Corrections	Mop Sinks	Ready to Use
Daycares	Grease Traps	Heavier Than Water
Hospitals	Clean Out Traps	Works Through
Hotels/Motels	Shower Drains	Standing Water
Medical Buildings	Bathtub Drains	Clears All Organic
Military	Laundry Drains	Obstruction
Nursing Homes	Urinals	
Packaging Plants	Drinking	
Parks and Rec.	Fountains	
Processing Plants		
Restaurants		
Sanitation Dept.		
Schools		
Street Dept.		
WWTP		

DIRECTIONS:

Use protective goggles, gloves and aprons that are chemical resistant. Avoid bodily contact from splashing. **ONE SHOT** can be used through standing water in toilets, sinks, drinking fountains, urinals, x-ray, sinks, grease traps. For clogged drains use 8-16 oz. and allow to stand for 30 min. Repeat as necessary and flush with warm water. For semi-clogged drains use 6-10.5 oz. **ONE SHOT** can be used for garbage disposal drains. As well as 4-8 oz. weekly provides continual drain maintenance.

TECHNICAL DATA:

Form : Liquid
Odor : None
Color : Clear
Phosphates : None
Flash Point : None
Solubility In Water : Complete
Specific Gravity : 1.4
pH : 12.8



ONE SHOT ALKALI DRAIN OPENER

CONTACT INFORMATION

OFFICE:
1-888-6PURITY (678-7489)
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ADDRESS:
114 SOUTHFIELD PKWY
SUITE 120
FOREST PARK GA. 30297
www.puritychemicals.com

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS
Health: 3
Flammability: 0
Reactivity: 1
Personal Protection: C



NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION I. PRODUCT IDENTIFICATION

Product Identifier: One Shot
Product VOC: 0
Manufacturer's Name: Purity Chemicals, 114 Southfield Pkwy Suite 120 Forest Park Ga. 30297

Product Identification #(PIF): 1766
Emergency Telephone #: 1-800-535-5053
Date Prepared: November 29, 2004

SECTION II. HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Sodium Hydroxide	1310-73-2	2mg/m ³	2mg/m ³	NE	42

SECTION III. HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: Skin Eyes Inhalation Ingestion

..Effects of overexposure:

- Eye Contact: Corrosive.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: Mist may result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: May cause irritation and /or burning to the entire gastrointestinal tract; nausea, pain bleeding and ulceration.

SECTION IV. EMERGENCY FIRST AID

..Eyes: Flush well with water for at least 15 minutes. Seek medical help.
..Skin: Wash well with soap and water.
..Inhalation: Move to fresh air.
..Ingestion: Drink lots of water to dilute, DO NOT INDUCE VOMITING. Get medical help.

SECTION V. FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE
Flash Point: NA
Means of extinction: Water spray, dry chemicals, CO₂.
Upper Flammability Limit (% by volume): NA
Auto ignition Temperature: NA
Lower Flammability Limit (% by volume): NA
Hazardous combustion products: NONE
..Special Fire Fighting Procedures: Wear NIOSH approved pressure self-contained breathing apparatus and full protective clothing.
..Unusual Fire Fighting Hazard: Contact with some metals, particularly magnesium, aluminum, and zinc (galvanized), can generate hydrogen rapidly, which is explosive.

SECTION VI. REACTIVITY DATA

Chemical stability: Stable
Incompatibility with other substances: Concentrated acids, organic material, magnesium, aluminum, zinc (galvanized), tin, chromium, brass and bronze and various food sugar.
Reactivity, and under what conditions? Reaction with various sugars may form carbon monoxide. When added to water, produces a tremendous amount of heat.
Hazardous decomposition products: NONE.

SECTION VII. HANDLING & STORAGE

Storage: Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.
Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

SECTION VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.
Gloves (specify): Chemical resistant gloves
Respirator (specify): NA
Eye (specify): Chemical resistant eye ware
Footwear (specify): Chemical resistant shoes
Clothing (specify): Apron
Other: Eyewash and safety shower in immediate area.

SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

SECTION X. PHYSICAL DATA

Boiling point: >212°F
Vapor Density: (Air = 1): ND
Specific Gravity, (water + 1.0): 1.400
pH, 1%: 12.8
% Volatile/ volume: 57.2%
Vapor Pressure: ND
Solubility: Complete
Evaporation Rate: ND

Description/odor: Clear, straw-colored liquid with characteristic odor.

SECTION XI. TOXICOLOGICAL INFORMATION

..Effects of acute exposure to product: Corrosive to eyes and skin.
..Effects of chronic exposure to product: Dermatitis may result from repeated exposure.

SECTION XII. ECOLOGICAL INFORMATION

NOT DETERMINED.....

SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION

Large spills cannot occur because of packaging. Dam up spills with inert material, neutralize with mild acid such as citric acid, then wash to drain, according to local, state and federal regulations. Do not release to open, public waters.

SECTION XIV. TRANSPORT INFORMATION

Hazardous according to Table 49 CFR 172.101: CORROSIVE LIQUID, N.O.S., (Sodium Hydroxide), 8, UN1760, II.

SECTION XV. REGULATORY INFORMATION

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302: Not listed
SECTION 311: Acute Health Hazard
SECTION 312: Acute Health Hazard
SECTION 313: Not listed

CERCLA: This product has a RQ of 2,500 lb (1,135 kg) as Sodium Hydroxide.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22)

SECTION XVI. ADDITIONAL INFORMATION

OSHA List (29 FR 1910.1200) as hazardous chemical.

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONO-GRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.