

UTILITY SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Manufacturer: UTILITY 700 Main Street	For any transportation or medical chemical emergencies call:
Westbury, NY 11590	INFOTRAC
Telephone: 1-516-997-6300	(800) 535-5053
Fax: 1-516-997-6345 Web Site: www.UtilityChemicals.com	24 hours per day - 7 days a week
E-mail: info@UtilityChemical.com	
Product Name:	Recommended Use:
Best Saf-A-Way Drain Opener #98658	For clearing drains of hair, grease, paper, lint and organic matter.



<u>Hazardous Chemicals</u>	<u>CAS #</u>	EINECS#	<u>Approx %</u>
POTASSIUM HYDROXIDE	1310-58-3	215-181-3	5-50%
SODIUM HYDROXIDE	1310-72-2	215-185-5	5-50%
*Title III Section 313 Supplier Notification: This produc	ct contains toxic chemicals subject to the	reporting requirement of Section 313	of the Emergency Planning

SAFETY DATA SHEET

SECTION 4 - FIRST-AID MEASURES

Inhalation:	Remove from further exposure. Keep warm and at rest. If not breathing, give artificial respiration. If breathing is difficult,
	trained personnel should administer oxygen. Seek immediate medical attention.
Skin:	Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water.
	Seek immediate medical attention. Wash contaminated clothing and shoes before reuse.
Eyes:	Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing
	for 15 minutes. Get immediate medical attention.
Ingestion:	Wash out mouth with water, keep at rest. Seek immediate medical attention. DO NOT induce vomiting unless directed
-	to do so by medical personnel.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Specific Hazards

Suitable

Unsuitable

n, Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.

Protective Equipment

Water Spray Dry Chemical Standard Agents Sodium Hydroxide will react with metals such as aluminum, tin, and zinc to generate flammable and explosive hydrogen gas.

Special Firefighting Procedures

Avoid direct contact of Sodium Hydroxide with water, as this can produce a violent exothermic reaction. Use water to cool containers exposed to fire. Contact with reactive metals may result may result in the generation of flammable gas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES		
Personal Precautions:	None.	
Protective Equipment:	None.	
Emergency Procedures:	None.	
Environmental Precautions:	Keep out of water sources and sewers.	
Methods for Cleaning-Up:	If possible, dike spill and mop or pump into plastic or lacquer lined drums, label "Corrosive" and store away from heat and out of direct sunlight. Residual may be neutralized with citric acid.	
Other Precautions:	None.	

SECTION 7 - HANDLING AND STORAGE		
<u>Handling</u>	<u>Storage</u>	
Wear appropriate personal protective equipment when handling Sodium Hydroxide and Potassium Hydroxide.	Store in a dry place in accordance with 29 CFR 1910.106 and away from acids, metals, explosives, organic compounds and flammable materials. Do not store in containers made from tin, aluminum, zinc and alloys containing these metals.	

SAFETY DATA SHEET

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
OSHA Exposure Limits			
Hazardous Components	ACGIH-TLV	OSHA-PEL	
POTASSIUM HYDROXIDE	2 mg/m3	N/A	
SODIUM HYDROXIDE	2 mg/m3	3 mg/m3	
Personal Protective Equipment			
Respiratory Protection: Use NIOSH approved respirators	Respiratory Protection: Use NIOSH approved respirators to prevent overexposure.		
Ventilation: Local ventilation is adequate.			
Other Protective Equipment: Protective Gloves	Eyes and Face Protection	Other Protective Equipment	
Neoprene/Chemical Resistant Gloves. Chemical Safety Goggles and Face Shield. Chemical Suit, Rubber Boots			
Other Precautions: None.			
Engineering Controls			

Avoid contact with face and skin. Cleanse skin thoroughly after contact, before meals and at end of work period. Impervious chemical resistant clothing should be worn.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES			
Appearance:	Clear	Volatile by Volume:	N/A
Odor:	Odorless	Vapor Pressure:	N/A
Odor Threshold:	N/A	Vapor Density:	N/A
pH:	14	Relative Density:	N/A
Melting/Freezing Point:	N/A / N/A	Solubility:	Complete
Boiling Point:	265°F	Partition Coefficient: n-octanol/water:	N/A
Boiling Range:	N/A	Auto-ignition Temperature:	N/A
Flash Point:	N/A	Specific Gravity (H20=1):	1.44
Evaporation Rate:	N/A	Viscosity:	N/A
-lammability:	N/A	VOC:	0 g/l
-lammability Limits:	LEL: N/A ; UEL: N/A		-

SECTION 10 - STABILITY AND REACTIVITY			
<u>Stability</u>	Hazardous Polymerizatior	n <u>Conditions To Avoid</u>	
Stable Unstable	May Occur Will Not Occur	Mixing with water, acid, or incompatible materials can cause splattering and release of large amounts of heat.	
Incompatible Materials		Hazardous Decomposition Products	
Acids, aluminum, tin, zinc, and alloys containing these metals, iron, copper, wool, leather, clothing materials, organic chemicals such as nitrocarbons and halogenated hydrocarbons, carbohydrates, phosphorous, explosives and organic peroxides.		Carbon monoxide with carbohydrates, hydrogen with aluminum, tin and zinc.	

SAFETY DATA SHEET

SECTION 11 - TOXICOLOGICAL INFORMATION		
Likely Routes of Exposure	Symptoms/Effects	
Inhalation 🖌	Causes respiratory irritation which may develop into serious lung upon the degree of exposure.	g injury depending
Skin Contact 🖌	Corrosive. Can cause severe skin burns. Irritation may not be immediately painful. Greater exposure results in severe burns with scarring.	
Eye Contact 🗹	Corrosive. Can cause severe eye burns. Contact results in immediate pain and can cause permanent eye damage including blindness.	
Ingestion	Corrosive. Contact will cause severe burns of the mouth, throat and stomach.	
Long-Term Effects: N/A		
Toxicity		
Hazardous Components	<u>LD50</u>	<u>LC50</u>
POTASSIUM HYDROXIDE	Oral: 365 mg/kg (rat)	N/A
SODIUM HYDROXIDE	Oral: 500 mg/kg (rabbit)	N/A

SECTION 12 - ECOLOGICAL INFORMATION	
Ecotoxicity:	None.
Persistance & Degradability:	None.
Bioaccumulative Potential:	None.
Mobility in Soil:	None.
Other Adverse Effects:	None.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping Name:	Sodium Hydroxide, Solution
Hazardous Class:	8
.D. Number:	UN1824
Packing Group:	II
Label Required:	Corrosive
Marine Pollutant:	No

Shipping Information

Exception: This product, when packaged and distributed in a quantity and form intended or suitable for retail sale and designed for consumption by individuals for their personal care or household use purposes, may qualify as a "Consumer Commodity". As such, it can then be exempted from certain labeling, packaging and shipping requirements.

SECTION 15 - REGULATORY INFORMATION

None.

SECTION 16 - OTHER INFORMATION

Disclaimer :

Revision Date:

2015-05-29

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