

# SAFETY DATA SHEET

Date Issued : 06/03/2015  
SDS No : 1W.08  
Date Revised : 09/10/2018  
Revision No : 2

## U-78 Super Drain Plus

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** U-78 Super Drain Plus  
**GENERAL USE:** Drain Opener  
**PRODUCT CODE:** 1W.08

#### DISTRIBUTOR

Universal  
P.O. BOX 15127  
St. Louis, MO 63110

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

In the event of a Chemical Emergency call Chemtel, 24hr.  
Response Number 1-800-255-3924. # MIS0004260

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Oral), Category 4  
Eye Irritation, Category 1  
Skin Irritation, Category 1

#### GHS LABEL



Corrosion



Health  
hazard



Exclamation  
mark

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.  
H290: May be corrosive to metals.  
H305: May be harmful if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H402: Harmful to aquatic life.

#### PRECAUTIONARY STATEMENTS

##### Prevention:

P234: Keep only in original packaging.  
P262: Do not get in eyes, on skin, or on clothing.  
P270: Do not eat, drink or smoke when using this product.  
P281: Use personal protective equipment as required.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
P302+P352: IF ON SKIN: Wash with plenty of water/...  
P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P362: Take off contaminated clothing.



## POTENTIAL HEALTH EFFECTS

**EYES:** May cause permanent eye damage.

**SKIN:** May cause irritation, tearing and redness.

**INGESTION:** Aspiration hazard: Harmful or fatal if swallowed.

**INHALATION:** Can cause irritation and inflammation of the respiratory tract.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	35 - 40	1310-73-2
Potassium Hydroxide	13 - 18	1310-58-3

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes, if contact lenses are present remove after 5 minutes and continue flushing, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

**SKIN:** Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

## 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** Use any standard agent-choose the one most appropriate for type of surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Avoid contact with eyes. Dike and contain. Keep away from drains and ground water. Watch out for slippery conditions when spilled.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear protective clothing.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** KEEP OUT OF REACH OF CHILDREN

**HANDLING:** Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

**COMMENTS:** Store Upright.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**ENGINEERING CONTROLS:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses.

**SKIN:** Acid Resistant Gloves

**PROTECTIVE CLOTHING:** Apron, boots



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** None

**COLOR:** Clear

**PHYSICAL STATE COMMENTS:** Liquid

**pH:** 14

**PERCENT VOLATILE:** No information Available

**FLASH POINT AND METHOD:** No information Available

**FLAMMABLE LIMITS:** No information Available

**AUTOIGNITION TEMPERATURE:** No information Available

**VAPOR PRESSURE:** No information Available

**VAPOR DENSITY:** No information Available

**BOILING POINT:** 20°C (271°F)

**FREEZING POINT:** No information Available

**MELTING POINT:** No information Available

**POUR POINT:** No information Available

**THERMAL DECOMPOSITION:** No information Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** No information Available

**DENSITY:** 12.16 lbs/gallon

**SPECIFIC GRAVITY:** 1.457

**VISCOSITY:** No information Available

**MOLECULAR WEIGHT:** No information Available

**(VOC):** No information Available

**OXIDIZING PROPERTIES:** No information Available

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable Under Normal conditions.

**CONDITIONS TO AVOID:** Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead & zinc.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen gas may be released when exposed to high temperatures.

**INCOMPATIBLE MATERIALS:** Strong acids.

## 11. TOXICOLOGICAL INFORMATION

**COMMENTS:** THIS PRODUCT HAS NOT BEEN TESTED FOR TOXICITY

## 12. ECOLOGICAL INFORMATION

**COMMENTS:** THIS PRODUCT HAS NOT BEEN TESTED.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with federal, state, and local regulations. Contaminated Packaging.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains Potassium and Sodium Hydroxide)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 3266



**PACKING GROUP: II**

**NAERG: 154**

**BULK FREIGHT CLASS: 70**

**NOTE:** When packaged in 12 x 1 Qt. containers this product is considered an ORM-D, consumer commodity.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**



Corrosive

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	35 - 40	1,000
Potassium Hydroxide	13 - 18	1,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Sodium Hydroxide	1310-73-2
Potassium Hydroxide	1310-58-3

**16. OTHER INFORMATION**

**Date Revised:** 09/10/2018

**REVISION SUMMARY:** This SDS replaces the 10/27/2015 SDS.

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

