

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Effective Date 2/96

N/A Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: **Desolve**
Generic Name: **Drain Maintainer**
Suppliers Name: **Ultra-Chem Inc.**
Suppliers Address: **8043 Flint**
Lenexa, KS. 66214
Proper Shipping Name: **ORM-D, Consumer Commodity**

Chemical Family: **Caustics**
Formula: **U735**
Information Phone Number: **1-913-492-2929**
Emergency Phone Number: **1-800-535-5053**

**NPCA Hazardous Materials
Identification System**

Health	3
Flammability	0
Reactivity	2
Maximum Personal Protection	X

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Sodium Hydroxide	1310-73-2	< 100	No Info	2mg/m ³	No Info	No

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	Percent by Weight
1310-73-2	Sodium Hydroxide	99.0

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): **2530°**
Vapor Pressure: **Unknown**
% Volatile: **Negligible**
Solubility in Water: **Partial**
Physical Description: **Yellow Granules, Lemon Odor**

Specific Gravity: **2.13**
Vapor Density: **Unknown**
pH: **13.0 - 14.0**
Evaporation Rate: **N/A**

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): **Non Flammable**
Upper Explosive Limit: **N/A**
Extinguishing Media: **Appropriate for surrounding fire.**
Special Fire Fighting Procedures: **Near full face SCBA and full Bunker gear.**
Unusual Fire and Explosion Hazards: **Toxic fumes may be released.**

Lower Explosive Limit: **N/A**

SECTION 5 - REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to Avoid): **Acids, oxidizers, amphoteric metals,**
Hazardous Decomposition Products: **Fumes of metal oxides.**

Hazardous Polymerization: **Will not occur.**

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: **Keep out of reach of children.**
Keep container tightly closed.
Store in a cool dry place. Store away from acids.

SECTION 7 - HEALTH HAZARDS AND FIRST AID**Effects of Overexposure:****Primary Route of Entry:**

Skin: **Contact may cause burns, tissue destruction.**

Eyes: **Severe irritation, burns, irreversible damage and blindness.**

Inhalation: **Severe irritation, chemical pneumonia lung damage and damage to respiratory system.**

Ingestion: **Severe irritation, burns, tissue ulceration, or gastrointestinal damage, even death.**

First Aid Procedures:

Skin: **Flush with water 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing before reuse.**

Eyes: **Flush eyes with water for 15 minutes while holding eyelids apart to ensure total flushing. Seek immediate medical attention.**

Inhalation: **Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing difficult, give oxygen. Seek medical attention.**

Ingestion: **Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. Keep head below hips to prevent breathing vomit into lungs. Seek medical attention.**

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: **Use a NIOSH/OSHA respirator approved for your conditions of exposure.**

Protective Gloves: **Rubber gloves.**

Other Protective Equipment: **Apron, protective clothing.**

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

Eye Protection: **Chemical goggles or faceshield.**

SECTION 9 - SPILL OR LEAK PROCEDURES**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.