

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

N/A Not Applicable

Effective Date 2/96

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 <sup>3</sup>	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**  
 Lower 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.**

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.