

# Material Safety Data Sheet

Date of Preparation: 05/03

DISSOLV LIQUID

Revision: 01/16/15

## Section 1 - Chemical Product and Company Identification

Product/Chemical Name: **DISSOLV L**

Chemical Formula:

CAS Number:

Other Designations:

General Use:

Manufacturer: **MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, S. HEMPSTEAD, NY 11550**

(516) 489-6800

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
SODIUM HYDROXIDE	1310-73-2	

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
SODIUM HYDROXIDE	2mg/m3	2mg/m3					

Toxicity Data:

## Section 3 - Physical and Chemical Properties

Physical State:

Appearance and Odor: CLEAR COLORLESS  
LIQUID, ODORLESS

Odor Threshold:

Vapor Pressure: NA

Vapor Density (Air=1): NA

Formula Weight:

Density:

Specific Gravity (H<sub>2</sub>O=1, at 4 °C): >1

pH:

Water Solubility: COMPLETE

Other Solubilities:

Boiling Point: 212F

Freezing/Melting Point: NA

Viscosity:

Refractive Index:

Surface Tension:

% Volatile:

Evaporation Rate: NA

## Section 4 - Fire-Fighting Measures

Flash Point:

Flash Point Method: NONE

Burning Rate:

Autoignition Temperature:

LEL: NA

UEL: NA

Flammability Classification:

Extinguishing Media: THIS MATERIAL DOES NOT BURN. IF EXPOSED TO FIRE FROM ANOTHER SOURCE, USE SUITABLE EXTINGUISHING AGENT FOR THAT FIRE.

Unusual Fire or Explosion Hazards: AVOID CONTACT WITH THIS MATERIAL DURING FIRE FIGHTING

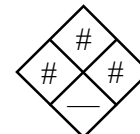
OPERATIONS. IF CONTACT IS LIKELY CHANGE TO FULL CHEMICAL RESISTANT CLOTHING WITH SCBA.

Hazardous Combustion Products: NONE

Fire-Fighting Instructions: PRODUCT REACTS WITH WATER. REACTION MAY PRODUCE HEAT AND/OR GASES.

Fire-Fighting Equipment:

NFPA



## Section 5 - Stability and Reactivity

**Stability:** STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

**Polymerization:** NONE

**Chemical Incompatibilities:** HEAT IS GENERATED WHEN MIXED WITH WATER. FLAMMABLE HYDROGEN MAY BE GENERATED FROM CONTACT WITH METALS SUCH AS ALUMINUM, BRASS, TIN, AND ZINC. AVOID CONTACT WITH ACIDS, HALOGENATED ORGANICS, ORGANIC NITRO COMPOUNDS, AND GLYCOLS. PRODUCT REACTS READILY WITH VARIOUS REDUCING SUGARS TO PRODUCE CARBON MONOXIDE. PRECAUTION SHOULD BE TAKEN INCLUDING MONITORING THE TANK ATMOSPHERE FOR CARBON MONOXIDE.

**Conditions to Avoid:** AVOID TEMPERATURES BELOW 85F. DO NOT MIX WITH OTHER CHEMICALS.

**Hazardous Decomposition Products:** DOES NOT DECOMPOSE

## Section 6 - Health Hazard Information

### Potential Health Effects

**Primary Entry Routes:**

**Target Organs:**

**Acute Effects**

**Inhalation:** MISTS MAY CAUSE SEVERE IRRITATION OF THE UPPER RESPIRATORY TRACT.

**Eye:** MAY CAUSE SEVERE IRRITATION WITH CORNEAL INJURY WHICH MAY RESULT IN PERMANENT IMPAIRMENT OF VISION, EVEN BLINDNESS. MISTS MAY CAUSE EYE IRRITATION.

**Skin:** CORROSIVE-SHORT SINGLE MAY CAUSE SEVERE SKIN BURN. A SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN ABSORPTION SO HARMFUL AMOUNTS.

**Ingestion:** MAY CAUSE SEVERE BURNS OF THE MOUTH AND THROAT. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION.

**Carcinogenicity:** IARC, NTP, and OSHA do not list DISSOLV L as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure:** OPEN ABRASIONS.

**Chronic Effects:**

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### Emergency and First Aid Procedures

**Inhalation:** REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONTACT PHYSICIAN.

**Eye Contact:** FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

**Skin Contact:** IF IRRITATION OCCURS, SEE PHYSICIAN.

**Ingestion:** DO NOT INDUCE VOMITING. DRINK WATER OR MILK IN LARGE QUANTITIES. CONSULT PHYSICIAN.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**Note to Physicians:**

**Special Precautions/Procedures:**

## Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** DIKE AND CONTAIN SPILL. RECLAIM IF POSSIBLE, OR DILUTE SPILL WITH LARGE AMOUNTS OF WATER AND NEUTRALIZE WITH DILUTE ACID. USE A VACUUM TO PICK UP MATERIAL FOR DISPOSAL.

**Small Spills:**

**Large Spills**

**Containment:**

**Cleanup:**

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

**Disposal:** Follow applicable Federal, state, and local regulations.

**Disposal Regulatory Requirements:**

**Container Cleaning and Disposal:**

**Ecological Information:**

**Precautions for Storing and Handling:** Keep from freezing.

**Other Precautions:** DO NOT contaminate with foreign chemicals.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Administrative Controls:**

**Respiratory Protection:** NIOSH/MSHA APPROVED RESPIRATORS IF USED IN CONFINED SPACE.

**Protective Clothing/Equipment:** Wear chemically protective gloves (impermeable). Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133), eyewash.

**Safety Stations:** Make emergency eyewash stations available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 – Regulatory Information

SODIUM HYDROXIDE SOLUTION (CAUSTIC SODA) IS LISTED ON TSCA INVENTORY.

SARA SECTION 311/312 – LISTED AS ACUTE: REACTIVE

SODIUM HYDROXIDE SOLUTION IS SUBJECT TO RIGHT TO KNOW REGULATIONS IN MASSACHUSETTS, NEW JERSEY AND PENNSYLVANNIA.