

1. Identification:**Recommended Use:** Water-borne Degreaser**Producer / Distributor**

Needels Supply

444 Wacouta Street

St. Paul, MN 55101

Telephone Number for Information: 651-227-8331**Emergency Telephone Number:** 651-227-8331**2. Hazard Identification:****Classification:****Health Class**

Mild Skin Irritation Category 3

Eye Irritant Category 2

Specific Target Organ Toxicity - Repeated Exposure Category 2

Physical Class Environment Class**Label****Symbols****Signal Word:** Warning**Hazard Statements:**

Causes mild skin irritation.

Causes eye irritation.

May cause damage to central nervous system, liver, and/or kidneys through prolonged or repeated exposure.

Precautionary Statements:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

If skin irritation occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

Get medical attention if you feel unwell.

Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Percent by Weight
Potassium Hydroxide	1310-58-3	10 - 30
Sodium Tripolyphosphate	7758-29-4	3 - 7
Dowanol Glyco Ether E B	111-76-2	1 - 5
Ninol 11-CM	Proprietary	1 - 5
Sara 313 list of 40	CFR 372	60 - 100
Water	7732-18-5	

4. First-Aid Measures:**Ingestion:** If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.**Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.**Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.**Inhalation:** Move to fresh air.**5. Fire Fighting Measures:****Suitable Extinguishing Media:** Not Applicable**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards:** Not Applicable**6. Accidental Release Measures:**

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum.

Thoroughly rinse affected area with water.

7. Handling and Storage:**Handling:** Keep from freezing. Keep out of reach of children.**Storage:** Maintain Temperature Minimum 40°F (4°C) - Maximum 110°F (43°C)

8. Exposure Controls / Personal Protection:**Exposure limits:****Ingredients**

Potassium Hydroxide
Dowanol Glyco Ether E B

CAS Number

1310-58-3
111-76-2

Osha PEL

XXX
25ppm

ACGIH TLV

2mg/m3
25ppm

Exposure controls:**Engineering Controls:** Normal good ventilation is sufficient

Personal Protection Equipment:

Eye Protection: Approved Safety Goggles or Glasses**Skin Protection:** Chemical Resistant Rubber Gloves**Respiratory Protection:** Not required, Avoid breathing spray mist**9. Physical and Chemical Properties:****Physical State:** Liquid**Appearance:** Orange color**Odor:** Ether like odor**Solubility:** Complete**Evaporation Rate:** Essentially same as water**Vapor Pressure (MM HG):** Essentially same as water**Vapor Density (Air = 1):** > 1**pH:** 9 - 10**Specific Gravity (H₂O = 1):** Approx 1**Flammability:** Autoignition**Flash Point:** > 210 Deg. F (99 Deg. C)**Boiling Point:** > 212° F (100°C)**%volatile:** 81%**10. Stability and Reactivity:****Chemical Stability:** Stable**Possibility of Hazardous Reactions:** None are known**Incompatibility (Materials to Avoid):** Do not mix with acids or acidic compounds**Hazardous Decomposition or By-products:** CO**Hazardous Polymerization:** Will not Occur**Conditions to Avoid:** None are known**11. Toxicological Information:****Signs and Symptoms of Overexposure:** Causes irritation on contact**Eye Contact:** Causes irritation on contact**Skin Contact:** Causes mild irritation on prolonged or repeated contact**Inhalation:** None Known**Ingestion:** May be harmful if swallowed**Target Organ Effects:** Central nervous system, Liver, Kidneys**Chronic Effects:** May cause damage to central nervous system, liver, and/or kidneys through prolonged or repeated exposure.**Acute Toxicity Values:****Oral LD =** > 5000 mg/kg**Dermal LD =** > 5000 mg/kg**Inhalation (Vapor) LC 50 =** Vapors Considered Non**12. Ecological Information:****Persistence and Degradability:** Not Available**Bio Accumulative Potential:** Not Available**Mobility in Soil:** Not Available**Aquatic Toxicity:** Not Available**13. Disposal Considerations:** Follow all existing pollution control ordinances.**14. Transportation Information:****UN Number:** None**Shipping Name:** Floor Degreasing solution**Transport Hazard Class:** None**Packing Group:** None**Marine Pollutant:** NO**15. Regulatory Information:****TSCA Status:** All ingredients listed**Clean Water Act:** None of the chemicals in this product are listed under the CWA**Clean Air Act:** Glycol Ethers (Diethylene Glycol Monoethyl Ether(111-90-0)) is listed as a hazardous air pollutant (HAP)**CERCLA Reportable Quantity:** None**Section 302 Extremely Hazardous Chemicals:** None Listed**Section 311 / 312 Hazard Category:** Immediate Health**Section 313 Toxic Chemicals:** Glycol Ether EB (111-76-2)), Potassium Hydroxide (1310-58-3), Sodium Tripolyphosphate (7758-29-4)**State Regulations:** None**International Regulations:** WHMIS Controlled Product Hazard Class: D2B

16. Other Information:**Prepared By:** Andrew Putz**Telephone Number:** 651-227-8331**Revision Date:** 12/1/2014**Supersedes:** 6/12/2012

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