

**1. Identification:****Recommended Use:** Water-borne Foaming Cleaner**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.

**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.

Get medical attention if you feel unwell.

Dispose of contents in accordance with local regulations.

**3. Composition/Information on Ingredients**

<b>Ingredients:</b>	<b>CAS Number</b>	<b>Percent by Weight</b>
Triethanolamine 85%	102-71-6	10-30
Dodecylbenzenesulfonic Acid	27176-87-0	3-7
Dowanol Glyco Ether E B	111-76-2	1-5
Sara 313 list of 40	CFR 372	1-5
Nonylphenol Polyethylen e Glycol Ether	127087-87-0	
Potassium Hydroxide	1310-58-3	
Tetrasodiummethylenediaminetetraacetate	64-02-8	60-100
Water	7732-18-5	
Ethyl Alcohol	64-17-5	

**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:** Water, Foam, CO2.**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards:** Not Known**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:**

	CAS Number	Osha PEL	ACGIH TLV
Potassium Hydroxide	1310-58-3	XXX	2mg/m3
Dowanol Glyco Ether E B	111-76-2	25ppm	25ppm
Tetrasodiummethylenediaminetetraacetate	64-02-8	XXX	2mg/m3
Ethyl Alcohol	64-17-5	1000ppm	1000ppm

**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:** Straw color

**Odor:** No odor

**Solubility:** Complete

**Evaporation Rate:** Essentially same as water

**Vapor Pressure (MM HG):** Essentially same as water

**Vapor Density (Air = 1):** >1

**pH:**

**Specific Gravity (H2O = 1):** 1.025

**Flammability:** Low

**Flash Point:** 210° F (99° C)

**Boiling Point:** > 160° F

**%volatile:** 81%

**10. Stability and Reactivity:**

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None are known, do not mix with other chemicals

**Incompatibility (Materials to Avoid):** Do not mix with Acids or Acidic compounds

**Hazardous Decomposition or By-products:** CO<sub>2</sub>, SO<sub>2</sub> (very small amounts) when residue is incinerated

**Hazardous Polymerization:** Will not Occur

**Conditions to Avoid:** Keep from freezing

**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, and/or 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:** Foamy Floor Cleaning Solution

**Transport Hazard Class:** None

**Packing Group:** None

**Marine Pollutant:** None

**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 (Nonylphenol Polyethylen e Glycol Ether (127-087-87-0) Dowanol Glyco Ether E B 111-76-2)) is listed as a hazardous air pollutant (HAP)

**CERCLA Reportable Quantity:** None

**Section 302 Extremely Hazardous Chemicals:** None Listed

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**Section 311 / 312 Hazard Category:** Immediate Health

**Section 313 Toxic Chemicals:** Glycol Ethers (Nonylphenol Polyethylene Glycol Ether (127-087-87-0) Dowanol Glyco Ether E B 111-76-2))

Tetrasodiummethylenediaminetetraacetate (64-02-8)

**State Regulations:** None

**International Regulations:** WHMIS Controlled Product Hazard Class: D2B

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**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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