

1. Identification:**Recommended Use:** Water-borne Floor Detergent**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 2

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
Triethonlamine 85%	NA	15
Dedecylbenzenesulfonic Acid	27176-87-0	3 - 7
Nonylphenol Polyethylen e Glycol Ether	127087-87-0	1 - 5
Sodium Tripolyphosphate	7758-29-4	1 - 5
Water	7732-18-5	60 - 100
Trisodiumphosphate	10101-89-0	
Dowanol Glycol Ether E B	111-76-2	
Yarmor 302 Pine Oil	8002-09-3	
Isopropanol 99%	67-63-0	
Sodium Xylene Sulfonate Liquid	1300-72-7	
Sara 313 List of 40	CFR 372	

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, Water Fog, CO2**Special Fire Fighting Procedures:** Not Known**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 115°F (46°C)

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

Dowanol Glycol Ether E B

Isopropanol 99%

Sodium Xylene Sulfonate Liquid

CAS Number

111-76-2

67-63-0

1300-72-7

Osha PEL

25ppm

400ppm

100ppm

ACGIH TLV

25ppm

400ppm

100ppm

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: Green Color Liquid

Odor: Pine Scent

Solubility: Complete

Evaporation Rate: Essentially same as water

Vapor Pressure (MM HG): Essentially same as water

Vapor Density (Air = 1): > 1

pH: 10

Specific Gravity (H2O = 1): Approximately 1

Flammability: Low

Flash Point: > 210 Deg. F (98 Deg. C)

Boiling Point: > 142° F (61°C)

%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, CO₂, SOX,NOX) very small amounts when residue is incinerated

Hazardous Polymerization: Will not Occur

Conditions to Avoid: Keep from freezing, do not mix with acidic compounds

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 cleaning 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 (Nonylphenol Polyethylen e Glycol Ether (127-087-87-0) Dowanol Glycol 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

Section 311 / 312 Hazard Category: Immediate Health

Section 313 Toxic Chemicals: Glycol Ethers (Nonylphenol Polyethylen e Glycol Ether (127-087-87-0)) Dowanol Glycol Ether E B 111-76-2), Sodium Xylene Sulfonate Liquid (1300-72-7)

State Regulations: None

International Regulations: WHMIS Controlled Product Hazard Class: D2B

16. Other Information:

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Telephone Number: 651-227-8331

Revision Date: 12/1/2014

Supersedes: 6/12/2012

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