

1. Identification:**Recommended Use:** Water-borne General Purpose 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.

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
Tetrasodium Ethylenediaminetetraacetate	64-02-8	18
Dipropylene Glycol Monomethyl Ether	34590-94-8	3 - 7
Potassium Hydroxide	1310-58-3	1 - 5
Sodium Tripolyphosphate	7758-29-4	1 - 5
Nonylphenol Polyethylene Glycol Ether	127087-87-0	
Water	7732-18-5	60 - 100

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 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

Tetrasodium Ethylenediaminetetraacetate

Dipropylene Glycol Monemethyl Ether

CAS Number

1310-58-3

64-02-8

34590-94-8

Osha PEL

2mg/m3 ceiling

XXX

100ppm

ACGIH TLV

2mg/m3

2mg/m3

100ppm

Exposure controls:

Engineering Controls: Normal good ventilation is sufficient

Face mask is recommended

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: Light Blue 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: 11.0

Specific Gravity (H₂O = 1): 1.00

Flammability: Autoignition

Flash Point: > 200 Deg. F (93 Deg. C)

Boiling Point: > 200° F (93°C)

%volatile: N/A

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 Acidic or Oxidizing 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

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 (Nonylphenol Polyethelene Glycol Ether (127087-87-0) Dipropylene Glycol Monemethyl Ether(34590-94-8)) 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: Dipropylene Glycol Monomethyl Ether(34590-94-8), Tetrasodium Ethylenediaminetetraacetate (64-02-8), 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:

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Telephone Number: 651-227-8331

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