

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:** Warn**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	12
Water	7732-18-5	3 - 7
D-limonene	138-86-3	1 - 5
Sodium Metasilicate	6834-92-0	1 - 5
Sodium Carbonate	19-8	
Diethanolmaide	68603-42-9	60 - 100
Sodium Alkyl-aryl Sulfonate	Proprietary	
Triethanolamine	102-71-6	
Dodecylbenzenesulfonic Acid	27176-87-0	

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:** Foam, Water Fog, 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. Waterproof Eyeglasses and Gloves

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	2mg/m3	1 1-1 /2
Sodium Metasilicate	6834-92-0	2mg/m3 3asNA2	2mg/m3 3asNA2

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: Orange color

Odor: Orange

Solubility: Complete

Evaporation Rate: Essentially same as water

Vapor Pressure (MM HG): Essentially same as water

Vapor Density (Air = 1): > 1

pH: 13

Specific Gravity (H₂O = 1): 1.057/1.059

Flammability: Autoignition

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

Boiling Point: > 185° F (85°C)

%volatile:

10. Stability and Reactivity:

Chemical Stability: Stable

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

Incompatibility (Materials to Avoid): Some components react with and emit CO₂ and water

Hazardous Decomposition or By-products: CO, CO₂, SOX,NOX,H₂O 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: 3 Flammable Liquids

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: None

CERCLA Reportable Quantity: None

Section 302 Extremely Hazardous Chemicals: None Listed

Section 311 / 312 Hazard Category: Immediate Health

Section 313 Toxic Chemicals: Potassium Hydroxide (1310-58-3), Sodium Meetasilicate (6834-92-0)

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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