

**1. Identification:****Recommended Use:** Dish 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 3

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**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Percent by Weight</b>
Triethanolamine	102-71-6	18
Dodecylbenzenesulfonic acid	2716-87-0	60 - 100
Diethanolamine	111-42-2	
Propylene Glycol	57-55-6	
Tetrasodiuim ethylendiaminetetraacetate	64-028	
Water	7732-28-5	

**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:** Foam, Water Fog, CO2**Special Fire Fighting Procedures:** Not Required**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. Do not store near high oxidizers or flames, parks or open flames

**Storage:** Maintain Temperature Minimum 40°F (6°C) - Maximum 110°F (43°C)

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

Diethanolamine

Tetrasoduim ethylendiaminetetraacetate

Exposure controls:

**Engineering Controls:** Normal good ventilation is sufficient normal exhaust

Personal Protection Equipment:

**Eye Protection:** Approved Safety Goggles or Glasses

**Skin Protection:** Chemical Resistant Rubber Gloves

**Respiratory Protection:** Not required, Avoid breathing spray mist

CAS Number	Osha PEL	ACGIH TLV
111-42-2	3ppm	3ppm
64-02-8		2mg/m3

**9. Physical and Chemical Properties:**

**Physical State:** Liquid

**Appearance** Straw Color

**Odor:** No Odor

**Solubility:** Complete

**Evaporation Rate:** Essentially that of Water

**Vapor Pressure (MM HG):** Essentially that of Water

**Vapor Density (Air = 1):** Essentially that of Water

**pH:** 65-7.5

**Specific Gravity (H2O = 1):** 1.035

**Flammability:** Not Known

**Flash Point:** 212° F (100°C) (NK)

**Boiling Point:** 212° F (100°C)

**%volatile:** 75%

**10. Stability and Reactivity:**

**Chemical Stability:** Stable

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

**Incompatibility (Materials to Avoid):** Acid and oxidizing agents

**Hazardous Decomposition or By-products:** CO, CO2, NOX, SO2 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 5 0 =** 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. Drain with water

**14. Transportation Information:**

**UN Number:** None

**Shipping Name:** Golden Touch

**Transport Hazard Class:** None

**Packing Group:** None

**Marine Pollutant:** NO

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**15. Regulatory Information:****TSCA Status:** All ingredients listed**Clean Water Act:** Propylene Glycol (57-55-6) None of the chemicals in this product are listed under the CWA**Clean Air Act:** 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:** Propylene Glycol (57-55-6)**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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