

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**

Skin Corrosion/Irritation Category 1

Serious Eye Damage/Eye Irritation Category 1

Physical Class Environment Class**Label****Symbols****Signal Word:** Danger**Hazard Statements:**

Causes severe skin burns and eye damage.

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
2-Butoxyethanol; Ethylene glycol monobutyl ether	111-76-2	5-10
Potassium Hydroxide	1310-58-3	1-3
sodium dodecylbenzenesulfonate	25155-30-0	1-3
sodium xylenesulphonate	1300-72-7	1-3

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**

2-Butoxyethanol; Ethylene glycol monobutyl ether
Potassium Hydroxide

CAS Number

111-76-2
1310-58-3

Osha PEL

120mg/m3 8hrs
2mg/m3 8 hrs

ACGIH TLV

2mg/m3
2mg/m3

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:** Blue color**Odor:** Low Odor**Solubility:** Easily soluble in cold and hot water**Evaporation Rate:** Not available**Vapor Pressure (MM HG):** Not available**Vapor Density (Air = 1):** Not available**pH:** 11.5**Specific Gravity (H2O = 1):****Flammability:** Not available**Flash Point:** Closed cup: Not applicable**Boiling Point:** Not available**%volatile:****10. Stability and Reactivity:****Chemical Stability:** Stable**Possibility of Hazardous Reactions:** Under normal conditions, hazardous reaction will not occur**Incompatibility (Materials to Avoid):** Reactive or incompatible with the following materials: acids**Hazardous Decomposition or By-products:** Under normal conditions, hazardous decomposition products should not be produced**11. Toxicological Information:****Signs and Symptoms of Overexposure:** Causes irritation on contact**Eye Contact:** Causes serious eye damage**Skin Contact:** Causes severe burns**Inhalation:** No known significant effects or critical hazards**Ingestion:** No known significant effects or critical hazards**Target Organ Effects:** Not available**Chronic Effects:** Not available**Acute Toxicity Values:****Oral LD =** 3495.9 mg/kg**Dermal LD =** 13613.9 mg/kg**Inhalation (Vapor) LC 50 =** 136.1 mg/l**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:** 1760**Shipping Name:** Corrosive liquid, nos**Transport Hazard Class:** 8**Packing Group:** II**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 Polyethylene Glycol Ether (127087-87-0) Dipropylene Glycol Monomethyl 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:** 2-Butoxyethanol; Ethylene glycol monobutyl ether(111-76-2), Potassium Hydroxide(1310-58-3)

State Regulations: None

International Regulations: WHMIS Controlled Product Hazard Class: D2B

16. Other Information:

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