

1. Identification:**Product Identity:** Lime Solvent**Recommended Use:** Water-Based Mild Acid Cleaner**Producer / Distributor**

Dalco
 300 5th Ave. NW
 New Brighton, MN 55112

Telephone Number for Information: 800-950-1975**Emergency Telephone Number:** 800-278-6176**2. Hazard Identification:****Classification:****Health Class**

Skin Corrosion Category 1
 Serious Eye Damage Category 1

Physical Class

Corrosive to Metal

Environment Class**Label****Symbols****Hazard Statements:**

Causes severe skin burns and eye damage.
 May be corrosive to metals.

Precautionary Statements:

Do not breathe dusts or mists.
 Wash hands thoroughly after handling.
 Wear protective clothing/eye protection.
 Keep only in original container.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Absorb spillage to prevent material damage.
 Store locked up.
 Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Percent by Weight
Phosphoric Acid	7664-38-2	20
Ethoxylated Alcohol	34398-01-1	1 - 5
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: Remove to fresh air. If irritation persists, obtain medical attention.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: Not Applicable

Unusual Fire and Explosion Hazards: None are 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: Normal care for storage.

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

Phosphoric Acid

CAS Number

7664-38-2

Osha PEL

1 mg/M3

ACGIH TLV

1 mg/M3

Exposure Controls:**Engineering Controls:** Normal good ventilation is sufficient**Personal Protective Equipment:****Eye Protection:** Approved Safety Goggles or Glasses**Skin Protection:** Chemical Resistant Rubber Gloves**Respiratory Protection:** Not Required**9. Physical and Chemical Properties:****Physical State:** Liquid**pH:** < 1**Appearance:** Light Green**Specific Gravity (H2O = 1):** 1.1**Odor:** Fresh Citrus**Flammability:** None**Solubility:** Complete**Flash Point:** None**Evaporation Rate:** NA**Boiling Point:** > 212° F (100°C)**Vapor Pressure (MM HG):** NA**%volatile:** 65 - 75%**Vapor Density (Air = 1):** NA**10. Stability and Reactivity:****Chemical Stability:** Stable**Possibility of Hazardous Reactions:** Reacts violently with strong bases, Reaction with metals produce hydrogen gas which can become explosive.**Incompatibility (Materials to Avoid):** Mild Steel, Aluminum, Strong bases, Marble, Terrazzo, Natural Stone**Hazardous Decomposition or By-products:** None**Hazardous Polymerization:** Will not Occur**Conditions to Avoid:** Do not mix with any other chemicals especially alkaline, bleach or ammonia cleaners, Avoid contact with alkaline materials and reactive metals**11. Toxicological Information:****Signs and Symptoms of Overexposure:** Causes severe skin burns and eye damage.**Acute Effects:****Eye Contact:** Severe Eye damage can result from direct contact.**Skin Contact:** Causes severe skin burns**Inhalation:** None Known**Ingestion:** Harmful if swallowed**Target Organ Effects:** None Known**Chronic Effects:** None Known**Acute Toxicity Values:****Oral LD₅₀** = > 5000 mg/kg**Dermal LD₅₀** = > 5000 mg/kg**Inhalation (Vapor) LC₅₀** = 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:**

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:**UN Number:** UN3264**Shipping Name:** Corrosive liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)**Transport Hazard Class:** 8**Packing Group:** II**Marine Pollutant:** NO

15. Regulatory Information:**TSCA Status:** All ingredients listed**Clean Water Act:** Phosphoric Acid (7664-38-2) is listed in the Clean Water Act as a Hazardous Substance.**Clean Air Act:** None of the chemicals in this product are listed under the CAA**CERCLA Reportable Quantity:** Phosphoric Acid (7664-38-2), > 5000 lbs.**SARA Title III Information:****Section 302 Extremely Hazardous Chemicals:** None Listed**Section 311 / 312 Hazard Category:** Immediate Health**Section 313 Toxic Chemicals:** None Listed**State Regulations:** Notice State of California; Warning; This product may contain chemicals known to the state of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.**International Regulations:** None**16. Other Information:****Prepared By:** Ron Camp**Telephone Number:** 651-481-1900**Revision Date:** 6/7/2013**Supersedes:** 4/1/2012

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Health	2
Flammability	0
Physical hazards	0