

1. Identification:**Product Identity:** Action Cleaner**Recommended Use:** Water-Based Degreaser**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
Skin Sensitizer
Reproductive Toxicity Category 2
Specific Target Organ Category 2

Physical Class

Corrosive to Metal

Environment Class

Acute Aquatic Toxicity Category 3

Label**Symbols****Hazard Statements:**

Causes severe skin burns and eye damage
Causes serious eye damage
Suspected of damaging fertility or the unborn child.
May cause damage to organs

Precautionary Statements:

Wear protective gloves/clothing/eye protection/face protection
If Swallowed: Rinse mouth. Do NOT induce vomiting.
If On Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
If Inhaled: Remove person to fresh air and keep comfortable for breathing. : Immediately call a Poison Center/doctor if you feel unwell.
If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents/containers in accordance with local regulations
Wash hands thoroughly after handling.
If eye irritation persists: Get medical advice/attention
Do not handle until all safety precautions have been read and understood.
If exposed or concerned: Get medical advice/attention.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink, or smoke when using this product.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Percent by Weight
Potassium Hydroxide	1310-58-3	1 - 5
d-Limonene	5989-27-5	1 - 5
Ethoxylated Alkyl Amine	68478-95-5	1 - 5
Surfactant Hydrotrope	Mixture	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: If ill effects occur from breathing vapors, remove to fresh air and 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	CAS Number	Osha PEL	ACGIH TLV
Potassium Hydroxide	1310-58-3	2 mg/M3	2 mg/M3

Exposure Controls:

Engineering Controls: Ventilate to maintain vapor levels below exposure limits.

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

Appearance: Green

Odor: Citrus

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): > 1

pH: > 13.5

Specific Gravity (H2O = 1): 1.02

Flammability: None

Flash Point: None

Boiling Point: > 212° F (100°C)

%volatile: > 75%

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatibility (Materials to Avoid): Strong Acids, Aluminum, Tin, Zinc, and Alloys

Hazardous Decomposition or By-products: None

Hazardous Polymerization: Will not Occur

Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.

Acute Effects:

Eye Contact: Severe Eye damage can result from direct contact.

Skin Contact: Causes severe skin burns

Inhalation: None Known

Ingestion: May be harmful if swallowed

Target Organ Effects: Skin, Eyes, Mucous Membranes and Suspected of damaging fertility or the unborn child.

Chronic Effects: May cause damage to organs

Acute Toxicity Values:

Oral LD₅₀ = > 5000 mg/kg

Dermal LD₅₀ = > 5000 mg/kg

Inhalation (Vapor) LC₅₀ = > 50 mg/l

12. Ecological Information:

Persistence and Degradability: Not Available

Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Harmful to Aquatic Life

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: UN3266
Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide)
Transport Hazard Class: 8
Packing Group: II
Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All ingredients listed
Clean Water Act: Potassium Hydroxide(1310-58-3) 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: Potassium Hydroxide (1310-58-3), > 1000 lbs.
SARA Title III Information:
Section 302 Extremely Hazardous Chemicals: None Listed
Section 311 / 312 Hazard Category: Immediate Health, Chronic 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