

1. Identification:**Product Identity:** Heavy Duty Cleaner #101**Recommended Use:** Water-Based Cleaner/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**

Mild Skin Irritation Category 3
Eye Irritant Category 2
Reproductive Toxicity Category 2
Specific Target Organ Toxicity Category 2

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

Causes mild skin irritation
Causes serious eye irritation
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/container in accordance with local regulations.
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.
Wash hands thoroughly after handling.
Do not eat, drink, or smoke when using this product. If exposed or concerned: Call a doctor..

3. Composition/Information on Ingredients

| Ingredient | CAS Number | Percent by Weight |
|--------------------|------------|-------------------|
| Alcohol Ethoxylate | 34398-01-1 | 1 - 3 |
| 2-Butoxy Ethanol | 111-76-2 | 1 - 5 |
| Isopropyl Alcohol | 67-63-0 | 1 - 2 |
| 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: Move to fresh air.

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**

2-Butoxy Ethanol

Isopropyl Alcohol

CAS Number

111-76-2

Osha PEL

25 ppm

ACGIH TLV

25 ppm

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: Blue

Odor: Mild Solvent

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): NA

pH: < 11.5

Specific Gravity (H₂O = 1): 1.02

Flammability: None

Flash Point: None

Boiling Point: > 212° F (100°C)

%volatile: > 85%

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatibility (Materials to Avoid): None are known

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: Causes irritation on direct contact

Acute Effects:

Eye Contact: Causes irritation on contact

Skin Contact: Causes irritation on contact

Inhalation: May be harmful with overexposure

Ingestion: May be harmful if swallowed

Target Organ Effects: Skin, Eyes, Respiratory System, Central Nervous System, Liver, and Kidneys and Suspected of damaging fertility or the un

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: 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: None

Shipping Name: Cleaning Compound, Liquid

Transport Hazard Class: None

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: Glycol Ethers (2-Butoxy Ethanol (111-76-2)) is listed as a hazardous air pollutant (HAP)

CERCLA Reportable Quantity: None

SARA Title III Information:

Section 302 Extremely Hazardous Chemicals: None Listed

Section 311 / 312 Hazard Category: Immediate Health, Chronic Health

Section 313 Toxic Chemicals: Isopropyl Alcohol (67-63-0) & Glycol Ethers (2-Butoxy Ethanol (111-76-2))

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: WHMIS Controlled Product Hazard Class: D2B

16. Other Information:

Prepared By: Ron Camp

Telephone Number: 651-481-1900

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Supersedes: 4/1/2012

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| | |
|-------------------------|---|
| Health | 2 |
| Flammability | 0 |
| Physical hazards | 0 |