

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product & Company Identification

Identity (As Used on Label and List): Citrus Beam (aerosol)
Product Class: All purpose cleaner.
Emergency Telephone Number: 800-278-6176
Telephone Number for Information: 800-950-1975
Prepared By: Regulatory Compliance
Date: November 2012
Distributed By:
 Dalco
 300 5th Ave NW
 New Brighton, Minnesota 55112

Section 2 - Hazardous Ingredients

Hazardous Components (Specific Chemical Identity):

| Chemical Name(s) | CAS# | SARA | ACGIH | OSHA | % |
|---------------------------------|------------|------|------------|------------|---------|
| d-Limonene | 5989-27-5 | no | ND | ND | 1-5 |
| Liquefied Petroleum Gas Mixture | 68476-86-8 | no | | | |
| Propane | 74-98-6 | no | 1000ppm/NE | 1000ppm/NE | 48-55 |
| n-Butane | 106-97-8 | no | 1000ppm/NE | NE | 45-49 |
| Isobutan | 75-28-5 | no | 1000ppm/NE | NE | 0.5-2.0 |

Section 3 - Physical Characteristics

Emergency Overview

Appearance and Odor: coarse white mist, citrus aroma
Boiling Point: NA
Vapor Pressure (psig): 126@130F
Specific Gravity (H20=1): <1
Evaporation Rate (Ether=1): <1
Solubility/water: Almost complete

Potential Health Hazards

Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X
Eye: May be irritating
Skin: May cause slight redness
Ingestion: Harmful if swallowed.
Inhalation: May cause dizziness, drowsiness and throat irritation
Signs and Symptoms of Exposure: Irritation on direct contact.
Carcinogenicity: NTP? No **IARC Monographs?** No **OSHA Regulated?** No
Target Organ (s): No additional data
Medical Conditions Generally Aggravated by Exposure: NA
Health Hazards, Chronic: NA

Section 4 - First Aid Measures

Emergency and First Aid Procedures:
If Swallowed: Obtain medical attention. **Eye Contact:** Flush eyes with running water for at least 15 minutes while holding eyelids open. Obtain medical attention if irritation persists. **Skin Contact:** Remove contaminated clothing. Flush skin with water; follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. **For Inhalation:** Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Section 5 - Fire Fighting Measures

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45
Flash Point: <0F(propellant); > 115F (concentrate).
Flammable Limits: % Volume In Air (Propellant) LEL 1.8 UEL 9.2
Extinguishing Media Carbon dioxide, foam and/or dry chemical may be used
Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.
Conditions to avoid: Do not store above 54C-130F. keep away from heat, direct sunlight, open flames or sparks.
Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Section 6 - Precautions For Safe Handling

Releases or Spilled:
 Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material. Waste disposal method, do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations. Handling and storing, avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not expose to direct sunlight or store at temperatures above 130F(54C). Store as Level 1 Aerosol (NFPA30B). Other precautions, please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section 7 - Health Hazard Data

Route(s) of Entry- Inhalation: X Eyes: X Skin: X Ingestion: X
Signs and symptoms of exposure: Inhalation may cause dizziness, drowsiness and throat irritation. Eye contact may be irritating. Skin contact may cause slight redness.
Medical conditions generally aggravated by exposure: Pre-existing skin or eye disorders and upper respiratory inflammation may be aggravated by exposure to this product. Emergency and first aid procedures: Eye contact: flush eyes with water for 15 minutes while holding eyelids open. Get medical attention if irritation persists. Skin contact: Remove contaminated clothing. Flush skin with water; follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. **Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. **Ingestion:** Get medical attention.
AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing skin conditions.
CHRONIC EFFECTS/TARGET ORGANS: None known.
CARCINOGENICITY: No regulated ingredients.
TOXICOLOGICAL INFORMATION: No Data.

Section 8 - Employee Protection

Respiratory Protection (Specify Types): Not required if ventilation is maintained. If exposure exceeds occupational exposure limits (Sec 2), use a NIOSH approved respirator to prevent overexposure.
Ventilation: Local Exhaust is adequate under normal conditions, mechanical ventilation is optional. **Special:** Not required
Protective Gloves: chemical resistant gloves.
Eye Protection: Approved safety goggles or glasses.
Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact, they should be in accordance with 29 CFR 1910.132 and CFR 1910.133.
Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals.

Section 9 - Reactivity Data

Stability: Stable:
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and additional toxic chemicals may be formed in small amounts.
Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

Section 10 - Regulatory Controls

Federal: Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.
State Right To Know: Pennsylvania/New Jersey Right To Know (Chemical and CAS No.): Deionized water (7732-18-5)
 d-Limonene (5989-27-5)\Emulsifier (NJ TSRN 489909-5215PC)
 Liquefied Petroleum Gas (68476-86-8)

Section 11 - Transport Information

Shipping Name: Consumer Commodity
Hazard Class: ORM-D

Section 12 - Other Information

None
 NA-Not Applicable UN-Unavailable NG-Negligible
 NE-Not Established ND-Not Determined

Product Hazard Rating HMIS:
 1=Health Hazard 2= Fire Hazard 0= Reactivity Hazard B=Protective equipment

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(Complies with 29CFR 1910.1200)