

MATERIAL SAFETY DATA SHEET (MSDS)

ITEM NUMBER: 162 – IDENTITY (As Used On Label and List): CINNAMON DRY AIR FRESHENER
 Emergency Medical Telephone Number: 1-866/836-8855 (24 HRS) Outside the U.S.A. Call 952/852-4646
PRODUCT HAZARD RATINGS (HMIS®): Health = *2, Fire = 4, Reactivity = 0 Protective Equipment = A
 (Rating Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, * = Chronic Hazard)

SECTION I

US CHEMICAL CORPORATION • 316 Hart St. • Watertown, WI 53094 USA
TELEPHONE NUMBER FOR INFORMATION: 1-800-851-7145 EXT. 075 (24 HRS)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Names (CAS #)	SARA	ACGIH	OSHA	% By Wt.
	SEC 313	TLV-TWA/STEL	PEL-TWA/STEL	
Acetone (67-64-1)	No	500 ppm/ 750 ppm	1000 ppm/ NE	60-80
Cinnamon Fragrance (Proprietary)	No	NE / NE	NE / NE	1-2
Liquefied Petroleum Gas Mixture (68476-86-8)	No	See below ingredient data	See below ingredient data	20-40
Propane (74-98-6)	No	1000 ppm/ NE	1000 ppm/ NE	(48-55)
n-Butane (106-97-8)	No	1000 ppm/ NE	NE / NE	(45-49)
Isobutane (75-28-5)	No	1000 ppm/ NE	NE / NE	(0.5-2.0)

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA **Vapor Pressure (psig)(± 5 psig):** 105 @ 130°F / 53 @ 70°F **Specific Gravity – calculated (H20=1):** 0.6952 ± 0.005 **pH:** NA
Solubility/Water: Completely **Vapor Density (AIR=1):** ND **Evaporation Rate (Ether=1):** ND **Appearance and Odor:** Clear, pale yellow aerosol spray with cinnamon odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45. **Flashpoint:** <0°F (Propellant); -4°F (Concentrate) **Flammable Limits - % Volume In Air (Propellant):** LEL: 1.9 UEL: 9.5 **Extinguishing Media:** Carbon dioxide, water spray, foam, or dry chemical. **Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. **Unusual Fire and Explosion Hazards:** Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. 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 V - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** NA **Incompatibility (Materials to Avoid):** Oxidizing agents, bases. **Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide. **Conditions to Avoid:** Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Y Eyes: Y Skin: Y Ingestion: N
HAZARDS IDENTIFICATION: EYES: May cause severe irritation. **SKIN:** Prolonged or repeated contact may dry or defat the skin and lead to inflammation (i.e. dermatitis). **INHALATION:** Irritating to eyes, nose and respiratory tract. Nausea, vomiting and stomach upset can occur. Under misuse or intentional misuse, product may cause asphyxiation. **INGESTION:** Exposure by ingestion is unlikely since an aerosol, but if ingested, the following may occur: May be harmful if swallowed. Possible aspiration hazard - may cause inflammation of the lungs. **AGGRAVATED MEDICAL CONDITIONS:** May aggravate pre-existing eye, skin, respiratory conditions. **TARGET ORGANS AFFECTED:** Nervous system. Eyes. Skin. **EMERGENCY AND FIRST AID PROCEDURES: EYES:** Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. **SKIN:** Wash with soap and plenty of water. **INHALATION:** Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. **INGESTION:** In the unlikely event of swallowing: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Rinse mouth with water and give another cupful to drink. Never give anything by mouth to an unconscious person.

CARCINOGENICITY:

ACGIH	IARC	NTP	OSHA
Acetone	A4	No	No

TOXICITY INFORMATION:

Acetone: After prolonged or repeated exposure, development of cataracts has been reported in laboratory animals.
 LD50 Oral (Rat): 9750 mg/kg
 LD50 Dermal (Rabbit): 20,000 mg/kg
 LC50 Inhalation (Rat): 16,000 ppm/4hr

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spills: 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. Disposal regulations may be different for each state and/or locality. **Handling And Storing:** Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as **Level 3 Aerosol (NFPA 308)**. **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 VIII - EMPLOYEE PROTECTION

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure. **Ventilation:** General ventilation is adequate under normal conditions; mechanical ventilation is optional. **Protective Gloves:** Chemical resistant gloves are optional – consult glove manufacturer to determine the proper type for a specific operation. **Eye Protection:** Safety glasses are recommended. **Other Protective Clothing or Equipment:** Wearing of impervious clothing to prevent skin contact is optional. **Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

SECTION IX - OTHER 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.):** Refer to Section II.
CANADA: Domestic Substances List: Ingredients of this product are listed.

SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION)

Proper Shipping Name: Consumer Commodity **Hazard Class:** ORM-D

NG: Negligible NA: Not Applicable NE: Not Established UN: Unavailable ND: Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

EFFECTIVE DATE: 01/01/05 SUPERCEDES: 04/22/98 PREPARED BY: Regulatory Compliance 8-XMSDS162301

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EFFECTIVE DATE: 01/01/05 SUPERCEDES: 04/22/98 PREPARED BY: Regulatory Compliance 8-XMSDS162301