

MATERIAL SAFETY DATA SHEET

May be used to comply with
OSHA's Hazard Communications Standard,
29 CFR 1910. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB N. 1218-0072

IDENTITY: CINNA-MIST II A205		NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.			
HMIS RATING:	HEALTH: 1	FLAMMABILITY: 4	PHYSICAL: 0		
RATING LEGEND:	4 = extreme, 3 = serious, 2 = moderate, 1 = slight, 0 = minimal, * = chronic				

Section I

Manufacturer's Name	Distributed by: Handi-Clean Products, Inc.	Emergency Telephone Number (336) 292-3083 After 5:00 p.m. (336) 996-5353	
Address:	301 Swing Rd. Greensboro, NC 27409	Telephone Number for Information (336) 292-3083	Date Prepared 10/21/2008

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS NO.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Acetone	67-64-1	1000ppm/NE	500ppm/750ppm	--	60 - 70
Propane	74-98-6	1000ppm/NE	1000ppm/NE	--	15 - 20
n-Butane	106-97-8	--	1000ppm/NE	--	10 - 15
Non-hazardous and other components below reportable levels -----					1 - 2.5
This product is considered hazardous under 20 CFR 1910.1200 (Hazard Communication).					

Section III - Physical/Chemical Characteristics

Boiling Point: 55.4F (12.8C) estimated	Specific Gravity: 0.6943 estimated	Appearance: Pale Yellow Liquid Gas
Vapor Pressure: 50 - 60 psig @ 70F	Evaporation Rate	Odor: Cinnamon
Vapor Density (AIR = 1) --	(=1)	Solubility in Water: Completely

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): -156F (-104.4C) estimated	Flammable Limits	LEL --	UEL --
Extinguishing Media: Water fog. Foam. Alcohol foam. Dry chemical. Carbon dioxide (CO ₂). DO NOT use a solid water stream as it may scatter and spread fire.			
Special Fire Fighting Procedures: In the event of a fire and/or explosion DO NOT breath fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles/ if this is impossible, withdraw from area and let fire burn.			
Unusual Fire and Explosion Hazards: Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back.			
Conditions to Avoid: FLAMMABLE CONTENTS UNDER PRESSURE. Aerosol. Pressurized container may explode when exposed to heat or flame.			

Section V - Reactivity Data

Stability: Risk of ignition. Stable at normal conditions.			
Hazardous Polymerization:	May Occur	Will Not Occur	X
Incompatibility (Materials to Avoid): --			
Hazardous Decomposition or Byproducts: May include oxides of oxides of carbon.			
Conditions to Avoid: Heat, flames and sparks.			

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? X	Skin? X	Eyes? X	Ingestion?
Health Hazards (Acute/Potential): EYES: Health injuries are not known or expected under normal use. SKIN: Prolonged or repeated contact can result in defatting and drying which may result in irritation and dermatitis (rash). INHALATION: Prolonged may be harmful. INGESTION: Is unlikely. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause delayed lung damage.				

Target Organs: Central nervous system. Respiratory system.
Health Hazards (Chronic/Long Term): May cause delayed lung damage.
Signs and Symptoms: Discomfort in the chest. Defatting of the skin. Irritation.
Emergency and First Aid Procedures: EYES: Immediately flush with water for at least 15 minutes. Remove contacts, if present and easy to do. Get medical attention if irritation develops or persists. SKIN: Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention. If irritation develops or persists. INHALATION: Move to fresh air. Call a physician if symptoms develop or persist. INGESTION: Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. DO NOT use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. NOTES TO PHYSICIAN: Symptoms may be delayed. GENERAL ADVICE: Call a physician if symptoms develop or persist.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: DO NOT touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.
Waste Disposal Method: Dispose in accordance with local, state and federal regulations.
Precautions to Be Taken in Handling and Storing: Pressurized container. DO NOT pierce or burn, even after use. DO NOT handle or store near an open flame, heat or other sources of ignition. DO NOT use if spray button is missing or defective. Use only with adequate ventilation. DO NOT get this material in contact with eyes. DO NOT get this material in contact with skin. Avoid prolonged exposure. Level 3 Aerosol. Contents under pressure. DO NOT puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Avoid exposure to long periods of sunlight. Keep in an area equipped with sprinklers.
Other Precautions: KEEP OUT OF REACH OF CHILDREN. When using DO NOT smoke.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Certified when used in concentrations above exposure limits.
Protective Gloves: Yes Ventilation: Local Exhaust. Eye Protection: Not normally needed.
Other Protective Clothing or Equipment: --
Work/Hygienic Practices: Wash hands with soap and water after using product.