

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

AIR DUSTER (120003)

*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.*

Section I

D.O.T. Hazard Class: Consumer Commodity ORM-D

Manufactured for:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight;
2-Moderate; 3-Serious; 4-Extreme

Date Prepared

01/24/01

HEALTH 1 REACTIVITY 1

Signature of Preparer (optional)

FIRE 0 PERSONAL PROTECTION: B

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	PEL	TWA/ TLV	Other Limits Recommended	% (optional)
1,1,1,2 - Tetrafluoroethane (811-97-2)	N/E	N/E	--	100

Section III - Physical/Chemical Characteristics

Boiling Point	-15.7°F	Liquid Density (H2O = 1) @ 77°F:	1.203
Vapor Pressure (mm Hg) (psig @ 70°C):	90	Total VOC	0%
Vapor Density (AIR = 1)	3.6 @ 77°F	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water 0.15 WT % @ 25°C	pH N/A		
Appearance and Odor Clear Colorless Liquid, Faint Ether-like Odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Will not burn.	Flammable Limits Non-Flammable Spray	LEL N/A	UEL N/A
Extinguishing Media Foam, CO2, Dry Media			
Special Fire Fighting Procedures Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.			
Unusual Fire and Explosion Hazards Exposure to temperatures above 120°F may cause bursting.			

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Avoid open flames & high temperatures
	Stable	X	
Incompatibility (Materials to Avoid) Incompatible with alkali or alkaline earth metals - powdered Al, Zn, Be, etc.			
Hazardous Decomposition or Byproducts Decomposition products are hazardous. This material can be decomposed by high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and possibly carbonyl fluoride.			
Hazardous Polymerization	May Occur Will Not Occur	Conditions to Avoid X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	--

Health Hazards (Acute and Chronic)

Eyes: "Frostbite like effects may occur if the liquid or escaping vapors contact the eyes.**Skin:** Immediate effects of overexposure may include: Frostbite if liquid or vapor contact is made with the skin.**Inhalation:** Inhalation of high concentrations of vapor is harmful & may cause heart irregularities, unconsciousness or death. Intentional misuse or deliberate inhalation may cause death without warning. Vapors are heavier than air and may accumulate in low lying or confined areas.**Ingestion:** Ingestion is not considered a potential route of exposure.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N/A			

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Eyes: In case of contact, Immediately flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Call a physician. **Skin:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Treat for frostbite if necessary by gently warming affected area. Wash contaminated clothing before reuse. **Inhalation:** If high concentrations are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. **Ingestion:** Ingestion is not considered a potential route of exposure.

Note to Physician: Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution in situations of emergency life support.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping.

Dispose of soaked absorbent material in accordance with Federal, State and local laws.

Waste Disposal Method

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

Precautions to be Taken in Handling and Storage

KEEP OUT OF THE REACH OF CHILDREN. For Industrial & Institutional Use Only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. NFPA Code 30B Rating: Level 1 Aerosol.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None needed for proper use in accordance with label directions.

Ventilation	Local Exhaust	Yes	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

None needed for proper use in accordance with label directions. Use impervious gloves if hand contact will be made.

Other Protective Clothing or Equipment

Eye Protection: None needed unless it is anticipated that a splash or sprayback will occur, then wear safety glasses or chemical splash goggles.

Work/Hygienic Practices

No smoking.

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

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