

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

APPLE PIE Odor Counteractant Aerosol (120381)

*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

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/NFPA RATINGS: 0-Minimal 3-Serious 1-Slight 4-Extreme 2-Moderate	Health:	1/1	Date Prepared 11/17/2000
	Fire:	3/3	Signature of Preparer (optional)
	Reactivity:	1/1	
	Personal Protection:	None/N/A	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	TLV	% (optional)
2-Propanone	67-64-1	500ppm TWA	60-80
Propane-Butane Blend	68746-86-8	800ppm	20-40
Fragrances	None	None est.	1-4

Section III - Physical/Chemical Characteristics

Boiling Point	Not Determined	Specific Gravity (H ₂ O = 1)	0.80
Vapor Pressure (mmHg)	Not Determined mm Hg @ 20°C	Percent Volatiles by Weight	<30%
Vapor Density (AIR = 1)	Undetermined	Evaporation Rate (= 1)	Undetermined
Solubility in Water		pH	Undetermined
Soluble		Total VOC	

Appearance and Odor

Clear liquid with fresh, spicy apple aroma.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Propellant 156°F	Flammable Limits 1.6-9.5%	LEL Undetermined	UEL Undetermined
Extinguishing Media Water, fog, dry chemical or carbon dioxide.			
Special Fire Fighting Procedures None.			
Unusual Fire and Explosion Hazards None.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		
Incompatibility (Materials to Avoid)				
Avoid strong oxidizers.				
Hazardous Decomposition or Byproducts				
In fire, will decompose to carbon dioxide, water, peroxides.				
Hazardous Polymerization	May Occur		Conditions to Avoid	None know.
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes
Health Hazards (Acute and Chronic)			
Eye and skin irritant. May cause dizziness or narcosis in high vapor concentrations. Can cause defatting of skin.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	None established.	None established	Undetermined.
Signs and Symptoms of Exposure			
See above "Health Hazards".			
Medical Conditions Generally Aggravated by Exposure			
Inhalation - Difficult breathing. Skin - Redness, Ingestion - Vomiting.			
Emergency and First Aid Procedure			
Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water. Never administer adrenalin following overexposure. Treat for frostbite.			

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	
Soak with inert absorbant and sweep, mop up with soap and water, ventilate.	
Waste Disposal Method	
Dispose in accordance with local regulations.	
Precautions to be Taken in Handling and Storage	
Keep away from heat, sparks or open flame. Store at temperatures below 120°F.	
Other Precautions	
When spraying more than 1/2 can continuously, use NIOSH approved respirator.	

Section VIII - Control Measures

Respiratory Protection (Specify Type)			
Self-contained breathing apparatus suggested if TLV limits exceeded.			
Ventilation	Local Exhaust	Normal	Special N/A
	Mechanical(General)	Normal	Other N/A
Protective Gloves		Eye Protection	
Normally unnecessary.		Protective goggles suggested.	
Other Protective Clothing or Equipment			
None required.			
Work/Hygienic Practices			
N/A			

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.