

Material Safety Data Sheet

Item # 705A62
Page 1 of 2

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fire Odor Remover
Item #: 705A62
Issue Date: 6/29/10
Supercedes: 6/25/10



Professional Series

MANUFACTURER
Clean Control Corporation
PO Box 7444
Warner Robins GA 31095

TELEPHONE NUMBERS
Medical Emergency (8 am - 5 pm EST): 800.841.3904
Quality Assurance Hotline (8 am - 5 pm EST): 800.841.3904
Transportation Emergency (24-hours): 800.424.9300

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components	Exposure Limits			
	Wt%	OSHA PEL	ACGIH TLV	NIOSH REL
* -- (see note below)				
* Hydrofluorocarbon 152a Propellant (CAS No. 75-37-6)	<60.0	None	See Section 11	None
* Isopropanol (CAS No. 67-63-0)	<20.0	400 ppm TWA	200 ppm TWA	400 ppm TWA
* Essential oils (Mixture)	<30.0	None	None	None

* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR1910.1200. Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: FLAMMABLE. CONTENTS UNDER PRESSURE. Contains difluoroethane and isopropanol. Avoid contact with eyes or skin. Wash thoroughly with soap and water after handling. Do not sell, transfer or offer to sell or transfer to a person under eighteen years of age or in violation of state laws. Intentional misuse by deliberately concentrating and inhaling product may be harmful or fatal.

HMIS Rating

Health	1
Flammability	4
Reactivity	0

SECTION 4 -- FIRST AID MEASURES

Eye Contact: IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

Skin Contact: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Inhalation: IF INHALED: Move to fresh air.

Ingestion: IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Induce vomiting only if advised by a physician.

SECTION 5 -- FIRE FIGHTING MEASURES

Flash Point / Method: 12°F /Aerosol Base Closed Cup

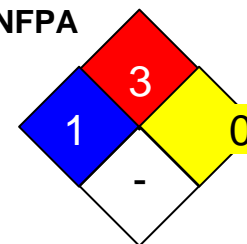
Flammable Limits: Lower: 2.5; Upper: 17

Extinguishing Media: Use water mist, foam, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing in accordance with OSHA regulations.

Fire and Explosion Hazards: Material is highly volatile. Containers may explode with heat. Evacuate personnel immediately in the event of a fire involving HFC-152a.

NFPA



SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: Aerosol container. Empty container and then dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Handle as a compressed gas. Wash after handling. Wash hands before eating.

Storage Precautions: NFPA 30B Storage Level: 1. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygienic Practices:	Normal procedures for good hygiene. Avoid eye and skin contact.
Engineering Controls:	General ventilation recommended for large jobs. Eyewash station is recommended.
Personal Protective Equipment:	Occupational settings (defined by 29CFR1910 - Subpart A) require compliance with 29CFR1910 - Subpart I. <i>Respirator</i> NIOSH approved organic vapor type (not normally required) <i>Goggles/Face Shield</i> .. Recommended, as required, to prevent eye contact. <i>Gloves</i> Recommended, as required, to prevent skin contact (rubber or Neoprene).

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine mist spray	Boiling Point	Not established
Odor	Clean floral	Freezing Point	Not established
pH	Not established	Evaporation Rate (Butyl Acetate=1)	Not established
Specific Gravity (H₂O=1)	0.800 - 0.900	Vapor Density (Air=1)	Greater than air
Solubility	Slight	Vapor Pressure (mmHg)	70 psig @20°C
VOC Content (% Wt.)	24.75% (1.755 lbs/gallon)		

SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	High temperatures (open flames, glowing metal surfaces, etc.) temperatures >120°F
Incompatibility:	Strong acids and strong oxidizing agents. Alkali or alkaline earth metals.
Hazardous Decomposition:	Combustion may produce oxides of carbon and fluorides of oxygen, hydrofluoric acid and possibly carbonyl fluoride. Avoid contact with these materials, which are toxic and irritating.
Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	Not applicable

SECTION 11 -- TOXICOLOGICAL INFORMATION

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z.
Other Effects:	Acute: Can cause severe irritation of the eyes and respiratory system. Difluoroethane has a low order of toxicity on both an acute and chronic basis. Chronic: Skin irritation may occur among hypersensitive individuals following repeated contact. Although a TLV® has not been established for HFC-152a, a value of 1,000 ppm (8-hour TWA) is recommended based on its low toxicity and analogy to other fluorocarbons.

SECTION 12 -- ECOLOGICAL INFORMATION

Biodegradability:	Not determined
BOD₅ / COD Value:	Not determined

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of in accordance with local, state, and federal regulations.
RCRA Classification:	This material may be a RCRA Hazardous waste upon disposal due to the ignitability characteristic.

SECTION 14 -- TRANSPORT INFORMATION

DOT Classification:	ORM-D
Exceptions:	49CFR173.306 - Consumer Commodity ORM-D (for packages not exceeding 66 lbs. gross weight)
Description:	Shipping Name: Aerosols, flammable (each not exceeding 1 L capacity) Hazard Class/Label: 2.1 Flammable Gas; ;

SECTION 15 -- REGULATORY INFORMATION

	EPA Registered:	
X	TSCA:	Ingredients have been listed.
X	CERCLA:	None reportable
	SARA 302/304:	
X	SARA 311/312:	Immediate (Acute) Health Hazard, Fire Hazard, Fire, Sudden Release of Pressure
X	SARA 313:	None reportable
	HACCP:	
	WHMIS Class:	

SECTION 16 -- OTHER INFORMATION

ID:	F705A-100 / 510625
Issue Date (Rev):	6/29/10
Revision Summary:	Revised Section(s): 1, 5, 10, 13, 14, 16

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