



# Material Safety Data Sheet

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**Product Name: E-Z Duster**

Product Number: 1135

General Use: Dusting Aid

Product Description: Inert dusting gas.

## SECTION I

### Manufacturer's Name & Address:

KICTeam, Inc.

P.O. Box 1120

Auburn, ME 04211-1120

Phone (207) 514-7299

FAX: (207) 514-7033

Emergency Telephone: (800) 424-9300

Telephone for information: (800) 255-3924

Date Prepared: May, 2008

Complies with OSHA's Hazard Communication  
Standard 29 CFR 1910.1200

## SECTION II - Hazardous Ingredients/ Identity Information

Hazardous Components	CAS #	OSHA PEL.	ACGIH TLV	%
1,1,1 2-tetrafluoroethane	811-97-2	NIF		100

Exposure Limit: 8 Hours TWA  
(PPM)

This Product contains the following chemicals subject to the reporting requirements of  
SARA 313 and 40 CFR 372: NONE

## SECTION III - Physical/Chemical Characteristics

Boiling Point: -16C/-27F

Density: 1.202

% Solids: 0

Percent Volatile: 100%

Physical State: Liquid



Evap. Rate: (Butyl Acetate=1): less than 1

Molecular Weight: N/A

None Exempt VOC (g/l): 0

Viscosity: 0

Odor: None

Vapor Density (AIR=1) 3.0

Freezing Point: NIF

Solubility in Water: 0

Appearance: Clear water-white liquid with low odor

#### **SECTION IV - Fire and Explosion Hazard Data**

Flash Point (Method Used): TCC None

Flammable Limits: LEL: N/A UEL: N/A

GENERAL HAZARD: Aerosol cans may erupt with force at temperatures above 120F.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear self contained, positive pressure breathing apparatus and avoid skin contact.

FIRE FIGHTING EQUIPMENT: Water, foam, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes and oxides of carbon.

#### **SECTION V - Reactivity Data**

Stability: Stable

Incompatible Materials and Conditions to Avoid: Contact with open flame, heat. Reactive alkali metals, strong acids and bases.

Hazardous Decomposition or Product: Hydrogen fluoride, carbon dioxide and carbon monoxide.



## **SECTION VI - Health Hazard Data**

### Potential Health Effects:

Swallowing: Single dose toxicity is low to moderate. If vomiting occurs the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal and central nervous system effects possible.

Inhalation: Major potential route of exposure. Minimal effects observed below 1000ppm. Dizziness, drowsiness and throat irritation possible at levels above 1,000 ppm. Unconsciousness and death at levels above 10,000 ppm. Blood pressure depression, cardiac sensitization and ventricular arrhythmia can result from exposure to near-anesthetic levels.

Skin contact: Prolonged or repeated contact with liquid can cause freezing of the skin tissues, defatting and dermatitis.

Eye contact: Liquid can cause slight, temporary irritation with slight temporary corneal injury. Vapors can irritate eyes.

### **Emergency and First Aid Procedures:**

**SWALLOWING:** Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

**SKIN CONTACT:** Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. If irritation persists, seek medical attention.

**INHALATION:** Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

**EYES:** Flush eyes with large amounts of water for 15 minutes or until irritation subsides. If irritation continues, seek medical attention.

## **SECTIONS VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along floor and in low lying area. Pick up with suitable absorbent and store in sealed containers.



Waste Disposal Method: RCRA 40 CFR 261 Classification: Federal, State and Local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Precautions to Be Taken in Handling and Storing: Storage Temperature: Ambient  
Storage Pressure: Atmospheric  
General: Keep contained closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. Follow all MSD sheet and label warnings even after container is emptied.

Local Exhaust Ventilation is acceptable.

### **SECTION VIII - Control Measures**

Respiratory Protect (specify type): If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapor Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposure limit and are unknown, use a supplied air respirator.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory where this product is stored and handled in closed equipment. Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

Protective Gloves:

Eye Protection: Safety glasses

Other Protective Clothing or Equipment:

### **SECTION IX: Toxicological Information**

Results of component toxicity test performed: Information not available.

Human Experience: Information not available.

### **SECTION VX: Ecological Information**

Information not available.

### **SECTION XI: Transportation Information**

U.S. D.O.T. Information:

Proper Shipping Name : Consumer Commodity ORM-D



Hazard Class : N/A  
UN Number : N/A  
Packing Group : N/A  
Limitations:

#### IATA

Proper Shipping Name: CONSUMER COMMODITY

Hazard Class: 9

Packing Group: N/A

UN Number: ID 8000

Limitations: Must send copy of DOT-E-10232. Domestic shipments only. When shipping internationally, use the following:

Hazard Class: 2.2

UN Number UN1950

#### IMO

Proper Shipping Name: AEROSOL

Class: 9

UN Number: UN1950

Packaging Group: N/A

EMS: 2-13

MFAG: 350

Marine Pollutant: N/A

Canadian TDG: N/A

IMDG Page: 9022

### **SECTION XII: Regulatory Information**

#### UNITED STATES FEDERAL REGULATIONS

MSDS Complies with OSHA's Hazard Communication Rule, 29 CRD 1910.1200

CERCLA/SUPERFUND, 40 CFR 117, 302:

-None of the chemicals are superfund hazards-

#### SARA SUPERFUND AND REAUTHORIZATION ACT of 1986

TITLE III Sections 302, 311, 312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355):

- None of the chemicals are Section 302 hazards-

#### Section 311/312 MSDS Requirements (40 CFR 370)

By our hazard evaluation, this product is hazardous. It should be reported under the following EPA Hazard:

Immediate (acute) health hazard.



Section 313- List of Toxic Chemicals (40 CFC 372)

This product contains the following chemicals (at levels of 1% or greater) which are found on the 313 list of Toxic Chemicals:

-None of the chemicals are 313 Toxic Chemicals-

Toxic Substance Control Act (TSCA): All substances are TSCA listed.

Resource conservation and recovery act (RCRA 40 CFR 261) Subpart C & D:  
Refer to Section 11. for RCRA classification.

Federal Water pollution control act, clean water act, 40 CFR 401.15 (formerly section 307), 40 CFR 116 (formerly section 311).

This product contains the following chemicals which are listed:

None

Clean Air Act: No information

State Regulations:

California Proposition 65:

This product contains the following ingredients which appear on the California Proposition 65: None

International Regulations:

Canada WHIMP: NIF

Europe EINECS Numbers: tetrafluoroethane; 811-97-2

**SECTION XIII: Other Information**

Label Information:

European risk and safety phrases: S2, S23, S24/25, S51

European symbols needed: none

Canadian WHIMS symbols: NIF

NFPA Hazard Rating:

(0) Fire

(1) Health

(2) Reactivity

Abbreviations:

NE= not established, N/A= not applicable, NIF = no information found

References:

Code of Federal Regulations: CFR



The Sigma-Aldrich Library of Regulatory and safety Data  
Chemical Guide and OSHA Hazard Communication Standard  
Various Federal, State and local regulations.

### **Notice**

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