



# Material Safety Data Sheet

## Section 1 — Chemical Product And Company Identification

Manufacturer: LHB Industries      Emergency Telephone Number (800) 424-9300 (Chemtrec)  
8833 Fleischer Place      Information Telephone Number (314) 423-4333  
Berkeley, MO 63134      Date of Preparation      June 2, 2008

Product ID: Skilcraft Power Duster, 10 oz  
LHB Part Number: 0894----002,  
NSN: 7930-01-398-2473,  
CAGE Code: 0FTT5  
Contract Number: GS-07F-R0002

## Section 2 — Composition / Information On Ingredients

CAS No.	Ingredient	Wt%	ACGIH TLV	OSHA PEL
75-37-6	1,1-Difluoroethane (HFC-152A)	100.00	1000 ppm	NE

## Section 3 — Hazards Identification

### EFFECTS OF OVEREXPOSURE

**INGESTION:** Liquid may cause frostbite. Aspiration hazard!

**INHALATION:** Inhalation may produce anesthetic effects and a feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.

**SKIN CONTACT:** Contact with evaporating liquid can cause frostbite.

**EYE CONTACT:** Can cause severe irritation, redness, tearing, and blurred vision.

## Section 4 — First Aid Measures

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

**SKIN CONTACT:** Flush exposed skin with lukewarm water (not hot), or use other means to warm skin slowly. Get medical attention if frostbitten by liquid or if irritation occurs.

**EYE CONTACT:** Immediately flush eyes with plenty of water and get medical attention after flushing.

**INGESTION:** Do not induce vomiting. Contact physician immediately.

## Section 5 — Fire Fighting Measures

FLASH POINT : -58°F (Estimated)      LEL: 3.9% (vol.) Gas in air      UEL: 16.9% (vol.) Gas in air  
EXTINGUISHING MEDIA: Dry Chemical Extinguisher (B-C), Water

### SPECIAL FIRE FIGHTING PROCEDURES

Stop the release of material if possible. Cool the vapor space of the storage container with water spray. Avoid accumulation of unburned materials. Remove personnel in general area. Observe maximum isolation when extinguishing fire. Expansion of liquid and change of state from liquid to vapor will allow combustion mixture to encompass a large area.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground or may be moved by ventilation systems and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at location distant from material handling point.

HMIS CLASSIFICATION: HEALTH 1, FLAMMABILITY 4, REACTIVITY 1

## Section 6 — Accidental Release Measures

**PERSONAL PRECAUTIONARY MEASURES:** If confined space – use self contained breathing apparatus. Consult local fire authorities.

**ENVIRONMENTAL PRECAUTIONARY PROCEDURE FOR CLEANING/ABSORPTION:** Contain the spill. Eliminate sources of ignition. Use water spray to reduce vapors. For small spills, take up with absorbent material.

## Section 7 — Handling and Storage

**HANDLING:** Keep out of reach of children. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated. Contents under pressure. Protect from sources of ignition. Prohibit smoking in areas of storage and use. Do not puncture, incinerate, or expose to temperatures above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally.

**STORAGE:** CATEGORY – NFPA 30B Level 1 Aerosol  
Do not store where temperatures may exceed 120°F (48.9°C).

## Section 8 — Exposure Controls/Personal Protection

**ENGINEERING CONTROLS:** Local Exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

**RESPIRATORY PROTECTION:** If personal exposure cannot be controlled to below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

**GLOVES:** None required for aerosol products where a minimal skin contact is expected. For long or repeated contact wear chemical resistant gloves.

**SKIN PROTECTION:** Impervious clothes to protect skin. Wash promptly when skin becomes contaminated.

**EYES:** Safety glasses with side shields or chemical goggles.

**OTHER PERSONAL PROTECTION DATA:** Use only with adequate ventilation. Avoid contact with skin and eyes. Wash hands after using.



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## Section 9 — Physical and Chemical Properties

PHYSICAL STATE: Liquefied gas  
APPEARANCE: Clear, Colorless  
ODOR: Slight Ethereal Odor  
SPECIFIC GRAVITY: 0.909  
DENSITY: 7.58 lb/gal  
VAPOR PRESSURE: 62.5 PSIG @ 70°F  
VAPOR DENSITY (AIR=1): 2.4 (Heavier than Air)  
SOLUBILITY IN WATER: 0.28% @ 70°F

## Section 10 — Stability and Reactivity

CHEMICAL STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Do not expose to heat or store at temperature above 120°F  
MATERIAL TO AVOID: Strong alkalis or alkaline earth metals, finely powdered metals such as aluminum, magnesium or zinc and strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrofluoric acid and carbonyl halides

## Section 11 — Toxicological Information

No data available.

## Section 12 — Ecological Information

No data available.

## Section 13 — Disposal Considerations

DISPOSAL OF WASTE METHOD: Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

## Section 14 — Transport Information

### U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

PROPER SHIPPING NAME: Consumer Commodity  
HAZARD CLASS OR DIVISION: ORM-D

### International Maritime Dangerous Goods Code (IMDG)

PROPER SHIPPING NAME: 1,1-DIFLUOROETHANE  
UN NUMBER: UN 1030  
HAZARD CLASS OR DIVISION: 2.1

## Section 15 — Regulatory Information

U.S. REGULATORY RULES  
SARA SECTION 302: None  
SARA 313 CHEMICALS: None  
CALIFORNIA PROPOSITION 65: None  
TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

VOC CONTENT: 0% by wt, 0 g/L

HAZARDOUS AIR POLLUTANTS (Clean Air Act, Section 112(b))  
HAPS (lbs/gal): None  
HAPS (lbs/gal of Solids): None  
HAPS (lbs/lb of Solids): None

## Section 16 — Other Information

REVISION NUMBER: 02

ADDITIONAL INFORMATION: This MSDS is prepared in accordance with FED-STD-313D and meets the requirements of 29 CFR 1910.1200.

IMPORTANT NOTE: This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or any process. Final determination of suitability of any material is the sole responsibility of the user.

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\*\*\* END OF MSDS\*\*\*