



HSI Fire and Safety Group

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L-13975

Prepared For:
Home Safeguard Inc.

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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product name: Dust Air Duster™
Product code: I-13975
Manufacturer's name: Chicago Aerosol, LLC
Address: 8407 S. 77th Avenue Bridgeview, IL 60455
Emergency phone: 1-708-598-7100
Information phone: 1-708-598-7100

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation health risks and symptoms of exposure:

Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired co-ordination, possible unconsciousness. intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Skin and eye contact health risks and Symptoms of exposure:

Skin: Contact with evaporating liquid can cause frostbite.
Eyes: Contact can cause severe irritation, redness, tearing, and blurred vision.

Skin absorption health risks and symptoms of exposure:

Not easily absorbed. None known.

Ingestion health risks and symptoms of exposure:

Not a likely route of exposure. If swallowed, do not induce vomiting. see immediate medical advice and/or attention.

Health hazards (acute and chronic):

Acute: irritation, mild to severe, of all body tissues.
Chronic: none known.

Carcinogenicity:

NTP carcinogen: No
IARC monographs: No
OSHA regulated: No

Medical conditions generally aggravated by exposure:

None known.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Reportable components	CAS number	Vapor pressure mm Hg @ temp	Weight percent
Difluoroethane OSHA Tlv: 1000 Ppm	75-37-6	47500 70° F	100

~ No toxic chemical(s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present.~

SECTION 4 – FIRST AID MEASURES

Emergency and first aid procedures:

Inhalation: remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention. Skin: wipe off with towel. wash with soap and water. get medical attention if irritation persists. Eyes: wash immediately with large volumes of fresh water for at least 15 minutes. Get Medical Attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point:

-58

Method used:

Estimated

Flammable limits in air by volume:

Lower: 3.9

Upper: 16.9

Extinguishing media:

Foam, Co2, Dry Chemical, Water Fog

Special firefighting procedures:

Water spray may be ineffective. water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. wear goggles and self-contained breathing apparatus.

Unusual fire and explosion hazards

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. obtain medical attention.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Avoid breathing vapors. ventilate area. remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions to be taken in handling and storing:

Store and use in cool, dry, well-ventilated areas. do not store above 120° F. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Precautions:

Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

Respiratory protection:

None Under Normal Use. Avoid breathing vapors. in restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Ventilation:

Sufficient to prevent inhalation of solvent vapors. general dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

Protective gloves:

Container will become cold during use. wear a glove on the hand that holds the container.

Eye protection:

None under normal use; however, use of safety glasses with splash guards or full face shield is recommended.

Other protective clothing or equipment:

None under normal use; however, use of solvent resistant aprons or other clothing is recommended.

Work/hygienic practices:

Eye washes and safety showers in the workplace are recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling range: -13	Evaporation rate: Faster than ether
Specific gravity: (H ₂ O=1): 0.91	Solubility in water: NIL
Vapor density: Heavier than air	Appearance and odor: Aerosol product, no odor

SECTION 10 – STABILITY AND REACTIVITY

Stability:

Stable

Conditions to avoid:

Application to hot surfaces. storage above 120° F. exposure to open flame.

Incompatibility (materials to avoid):

Strong Bases: Caustic Soda, Caustic Potash. Metallic Aluminum and Zinc Powders should be avoided.

Hazardous decomposition or byproducts:

May produce fumes when heated to decomposition. fumes may contain carbon monoxide and toxic fluorine compounds.

Hazardous polymerization:

Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

SECTION 12 – ECOLOGICAL INFORMATION

Long-term ecological studies have not been conducted for THIS PRODUCT.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal method:

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

SECTION 14 – TRANSPORT INFORMATION

By land:

DOT proper shipping name: UN1030, 1,1-Difluoroethane, 2.1, Sp-11516

By water:

DOT Proper Shipping Name: UN1030, 1,1-Difluoroethane, 2.1

By air:

DOT Proper Shipping Name: Un1030, 1,1-Difluoroethane, 2.1 (Packing Instruction 200 Applies)

SECTION 15 -REGULATORY INFORMATION

All ingredients are either listed on the TSCA inventory or are exempt.

SECTION 16 – OTHER INFORMATION

Date printed:
01/01/2011

Name of preparer:
ESP

HMIS codes:
H-1 F-4 R-0 P-

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