



Issue date 25-Apr-2017

Safety Data Sheet

Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name CHAMPION'S CHOICE DUST BUSTER
Chemical name 5-5632

Other means of identification

Product code FG 438-5201-2GHS
Synonyms Dusting aid

Recommended use of the chemical and restrictions on use

Recommended Use To remove dust from computers' keyboards.
Uses advised against See directions for use on product's label.

Details of the supplier of the safety data sheet

Supplier Address Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-273-1121	Manufacturer Address Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-273-1121
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Emergency Telephone Number

Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated



Appearance Non visible gas

Physical State Aerosol

Odor Slight ethereal odor

Precautionary Statements - Prevention

Keep away from heat, sparks, open flames and hot surfaces. — No smoking

FG 438-5201-2GHS CHAMPION'S CHOICE DUST BUSTER

Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place
Do not expose to temperatures exceeding 122 °F (50 °C)

Hazards not otherwise classified (HNOC)

Other Information

• Liquid contents may cause frostbite on contact with skin.
No information available

3. Composition/information on Ingredients

Common Name Dust remover.
Synonyms Dusting aid.
Chemical Family Gases Under Pressure.
Formula 5-5632
Chemical nature Fluorocarbon propellant.

Chemical name	CAS No	weight-%	Trade secret
1,1-Difluoroethane	75-37-6	100	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact In case of contact, immediately flush skin with plenty of water. Wash skin with soap and water. If irritation develops, consult a physician.

Inhalation If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged contact with the skin may cause severe freeze burns. Over inhalation of vapor or mist may cause anesthetic effects, headaches, dizziness and nausea.

Indication of any immediate medical attention and special treatment needed

Note to physicians None needed.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical extinguisher (B-C), water.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Vapors are heavier than air and may travel along the ground and be ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources.

Hazardous combustion products Thermal decomposition may yield gases like hydrofluoric acid and carbonyl halides.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate general or local exhaust ventilation.

For emergency responders Remove all sources of ignition.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation. Avoid sources of ignition.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Avoid contact with skin. Avoid getting spray into eyes. Do not deliberately inhale vapor or mist. Do not contaminate food or food handling surfaces. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Keep out of reach of children. **AEROSOL STORAGE LEVEL I (NFPA-30B) .**

Incompatible Materials Alkali or alkaline metals (Al, Zn).

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Appropriate engineering controls

Engineering controls Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection Conventional eyeglasses to guard against splashing.

FG 438-5201-2GHS CHAMPION'S CHOICE DUST BUSTER

Skin and Body Protection	Rubber, vinyl or household type gloves required.
Respiratory protection	Use in a well-ventilated area ONLY. WHEN USING INDOORS, KEEP WINDOWS AND DOORS OPEN UNTIL FUMES DISSIPATE. If concentrations are over the exposure limit and are known, air purifying respirator with organic vapor cartridges may be acceptable.
General hygiene considerations	Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Slight ethereal odor
Appearance	Non visible gas	Odor threshold	No information available
Color	Colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not applicable	Gaseous material	
Melting point/freezing point	Not applicable	No information available	
Boiling point/boiling range	-13 °F	No information available	
Flash Point	Extremely flammable gas -58 °F	No information available	
Evaporation Rate	Immediate	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
Upper flammability limits	16.9 %		
Lower Flammability Limit	3.9%		
Vapor pressure	62.5 psig	No information available	
Vapor Density		No information available	
Relative Density	0.909	No information available	
Water solubility		Negligible	
Solubility in other solvents		No information available	
Partition coefficient		No information available	
Autoignition Temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties	No information available		
Oxidizing properties	No information available		

Other Information

Softening point	No information available
Molecular weight	No information available
VOC content (%)	0%
Density	7.57 lb/gal
Bulk Density	No information available

10. Stability and Reactivity

<u>Reactivity</u>	
Not applicable	Not applicable

Chemical stability
Stable.

Possibility of hazardous reactions
Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization	Hazardous polymerization does not occur.
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Conditions to Avoid

Temperatures above 122 °F (50 °C).

Incompatible Materials

Alkali or alkaline metals (Al, Zn).

Hazardous decomposition products

Thermal decomposition may yield gases like hydrofluoric acid and carbonyl halides.

11. Toxicological Information

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye Contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Information on toxicological effects

Symptoms Over inhalation of vapor or mist may cause anesthetic effects, headaches, dizziness and nausea.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Prolonged contact with the skin may cause severe freeze burns.
Serious eye damage/eye irritation	Can cause severe eye irritation, redness, tearing and possible freeze burns.
corrosivity	Not applicable.
sensitization	No a skin sensitizer.
Germ cell mutagenicity	No information available.
Carcinogenicity	Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	Not applicable.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (inhalation-gas)	2293333 mg/l
ATEmix (inhalation-vapor)	658 mg/l

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

FG 438-5201-2GHS CHAMPION'S CHOICE DUST BUSTER

No information available.

Other adverse effects

Ozone

No information available

This product does not contain CFCs or other ozone depleting substances. Federal regulations prohibit the use CFC propellants in aerosols.

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

14. Transport Information

Note:

A current copy of DOT SP-11516 must be maintained at each facility where the package is offered or reoffered for transportation.

DOT

UN/ID no

UN1030

Proper Shipping Name

1,1-Difluoroethane

Hazard Class

2.1

Packing group

NA

Special Provisions

DOT-SP 11516: In accordance with this special permit, this product is not subject to labeling requirement unless offered for transportation by air. This product is not subject to placarding requirements. Outside packaging must be marked with proper shipping description and "DOT SP-11516".

15. Regulatory information

International Inventories

TSCA

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL

All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard

yes

FG 438-5201-2GHS CHAMPION'S CHOICE DUST BUSTER

Chronic Health Hazard No
Fire Hazard yes
Sudden release of pressure hazard yes
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
1,1-Difluoroethane 75-37-6	X	X	

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

<u>NFPA</u>	Health Hazards 1	Flammability 4	Instability 1	Physical and chemical properties Not applicable Personal Protection B - Eyes and hands protection
<u>HMIS</u>	Health Hazards 1	Flammability 4	Physical hazards 1	

Issue date 25-Apr-2017

Revision note

This SDS supersedes a previous SDS dated January 27, 2015.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet