


BLOWout Air Duster
SAFETY DATA SHEET
 SDS0093CA

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	Product Name	BLOWout 10 oz.
	Trade Name	BLOW OUT-024
	Synonym(s)	1,1-difluorethane.
	Chemical Formula	C ₂ H ₄ F ₂
	CAS No.	75-37-6
	EINECS No.	200-866-1
1.2 Relevant identified uses of the substance or mixture and uses advised against	Identified use(s)	Aerosol Duster.
	Uses advised against	None known.
1.3 Details of the supplier of the Safety Data Sheet	Company Identification	SDi 1345 Campus Parkway, Suite A18 Wall Township, NJ 07753 USA.
	Telephone	(732) 751 9266
	Fax	(732) 751 924
	E-mail	sales@sdfire.com
1.4 Emergency telephone number	Info Trac	1-800-535-5053 (24 hour(s))

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Hazardous Products Regulations	Gases under pressure: Liquefied gas; Contains gas under pressure; may explode if heated.
2.2 Label elements	Product Name	BLOWout 10 oz.
	Hazard pictogram(s)	
	Signal word(s)	Warning.
	Hazard statement(s)	H280: Contains gas under pressure; may explode if heated.
	Precautionary statement(s)	P410+P403: Protect from sunlight. Store in a well-ventilated place.
	Additional Information	Pressurized container - Do not pierce or burn, even after use. Do not expose to temperatures exceeding 122°F (50°C).
2.3 Other hazards		Contact with liquid may cause cold burns/frostbite. High concentrations may cause asphyxiant.
2.4 Additional Information		None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Substances

Hazardous ingredient(s)	CAS No.	%W/W
1,1-difluoroethane	75-37-6	> 99

3.2 Additional Information

None.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep patient warm. Apply artificial respiration if necessary. Obtain medical attention.

Skin Contact

Wash with plenty of soap and water. If frostbite, call a physician. Do not remove clothing if it sticks to the skin.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, obtain medical attention.

Ingestion

Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact: Frostbite.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation: High concentrations: Asphyxiation, Headache, dizziness, nausea and vomiting.

Treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurized container: May burst if heated.

5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable Extinguishing Media

None known.

5.2 Special hazards arising from the substance or mixture

Heating may cause pressure rise with risk of bursting. Decomposes in a fire giving off toxic fumes: Hydrogen fluoride, Carbon monoxide, Carbon dioxide.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep fire exposed containers cool by spraying with water. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.



6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

- 6.1 **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. Stop leak if safe to do so. Wear protective gloves.
- 6.2 **Environmental precautions** Do not release large quantities into the surface water or into drains.
- 6.3 **Methods and material for containment and cleaning up** Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty.
- 6.4 **Reference to other sections** See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Keep away from sources of ignition.
- 7.2 **Conditions for safe storage, including any incompatibilities** Protect from sunlight. Store in a well-ventilated place.:
Storage Temperature Do not expose to temperatures exceeding 122°F (50°C).
Storage Life Stable under normal conditions.
Incompatible materials Acids, Alkalis and Strong oxidizing agents.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- 8.1.1 **Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
1,1-difluorethane	75-37-6					None assigned

- 8.2 **Appropriate engineering controls** Provide adequate ventilation. Local exhaust recommended. Do not use in confined spaces.

- 8.3 **Individual protection measures, such as personal protective equipment (PPE)**
Eye/face protection If eye contact is likely: Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely. Gloves: Neoprene, Leather.



Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not applicable.

**9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Liquefied gas.
Color	Colorless.
Odor	Mild, Slight Ethereal.
Odor Threshold	Not determined.
pH	Not determined.
Melting Point/Freezing Point	-178.6°F
Initial boiling point and boiling range	-13°F
Flash Point	< 58°F
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	4-19 Vol-%, 0.112-0.518 kg/m ³
Vapor pressure	5100 hPa, 11700 hPa @ 122°F
Density	1004 kg/m ³ @ -13°F
Vapor density	2.3 @ 68°F
Relative density	1.0 @ -13°F
Solubility(ies)	Poorly water soluble product. (0.54 g/100 ml). Soluble in most organic solvents.
Partition coefficient: n-octanol/water	0.75 log P (Experimental value).
Ignition temperature	Not determined.
Auto-ignition temperature	851°F
Decomposition Temperature	Not determined.
Dynamic Viscosity	0.37 Pa•s @ -23.8°F
Kinematic Viscosity	Not determined.
Explosive properties	Not explosive. Contains gas under pressure; may explode if heated.
Oxidizing properties	Not oxidizing.
9.2 Other information	
Critical pressure	44960 hPa
Molecular weight	66.05 g/mol

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	Heat and direct sunlight.
10.5 Incompatible materials	Acids, Alkalis and Strong oxidizing agents.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****11.1.1 Substances**

Acute toxicity	Low acute toxicity.
Inhalation	LC50 (rat) = 383000 ppm Effects and Symptoms: Asphyxiation, Headache, dizziness, nausea and vomiting.
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitization	It is not a skin sensitizer.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	None anticipated.



Specialized Fire Products

BLOWout Air Duster

	STOT-single exposure	None anticipated.
	STOT-repeated exposure	None anticipated.
	Aspiration hazard	Not classified.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	Readily biodegradable, non-persistent.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	Poorly water soluble product. The product is predicted to have low mobility in soil.
12.5	Other adverse effects	None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility. Do NOT dispose of via domestic waste.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation. Refer to manufacturer/supplier for information on recovery/recycling.

14. SECTION 14: TRANSPORT INFORMATION

Canadian TDG Classification

14.1	UN number	UN 1030
14.2	UN Proper Shipping Name	1,1-difluoroethane.
14.3	Transport hazard class(es)	2.1
14.4	Packing Group	None.
14.5	Environmental hazards	Not classified as a Marine Pollutant.
14.6	Special precautions for user	None.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8	Additional Information	
	DOT Special Provisions (49 CFR 172.102)	DOT-SP 11516: In accordance with this special permit, this product is not subject to labelling requirements 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'.
	DOT Packaging Exceptions	306
	DOT Packaging Non Bulk	304
	DOT Packaging Bulk	314; 315



15. SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with HPR and the SDS contains all the information required by HPR.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 Canadian Regulations

Domestic Substances List (DSL)	Listed: 1,1-difluoroethane (CAS No.: 75-37-6)
Export Control List	Not listed.
Priority Substances List (PSL)	Not listed.
Toxic Substances List	Not listed.
National Pollutant Release Inventory (NPRI) Substance List	Not listed.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
TDG	Transportation of Dangerous Goods
DOT	Department of Transportation
HPR	Hazardous Products Regulations
SDS	Safety Data Sheets

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