



SAFETY DATA SHEET

Hornady® One Shot® Canned Air

Prepared to 29 CFR 1910.1200(g)(2) standards

SDS Revision: 2.0

SDS Revision Date: 03/25/2019

1. PRODUCT IDENTIFICATION

1.1	Product name:	HORNADY® One Shot® Canned Air
1.2	Chemical Name	See Section 3 Composition and Ingredients
1.3	Synonyms	One Shot®, Canned Air
1.4	Item Number	#99900
1.5	Trade Names	Hornady® One Shot® Canned Air
1.6	Product Use	Blowing particles, dust, debris from equipment and work surfaces
1.7	Manufacturer's Name	Hornady Manufacturing Company
1.8	Manufacturer's Address	P.O. Box 1848, Grand Island, Ne 68802 USA
1.9	Business Phone	+1 (308) 382-1390
1.10	Emergency Phone	CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887
1.11	Prepared By	M. Graczyk

2. HAZARD IDENTIFICATION

							Pictogram		
2.1	<p>HAZARD CLASSIFICATION: Flammable Aerosol Category 1. Liquified Gas; Simple Asphyxiant.</p> <p>SIGNAL WORD: Danger</p> <p>HAZARD STATEMENTS (H): H220- Extremely flammable aerosol. H280- Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation.</p> <p>PRECAUTIONARY STATEMENTS (P): P210- Keep away from heat/sparks/flames/hot surfaces-no smoking. P381- Eliminate all ignition sources if safe to do so. P403- Store in a well-ventilated place. P410+403- Protect from sunlight. Store in a well-ventilated place.</p>								
	2.2	Routes of Entry:	Inhalation:	Yes	Absorption:	No	Ingestion:		

3. Composition & Ingredients

					EXPOSURE LIMITS IN AIR - ppm (mg/m ³)							
					ACGIH		NOHSC (ES-)			OSHA		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH
1,1 Difluoroethane	75-37-6	KI1410000	200-866-1	> 98	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other Components present in less than 1% concentration				Balance	Remaining components do not contribute any significant additional hazards							



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4. FIRST AID

4.1	<p>EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.</p> <p>SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Treat for frostbite, if necessary, by gently warming affected area..</p> <p>INGESTION: Ingestion is not considered a potential route of exposure.</p> <p>INHALATION: If high concentrations are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). Vapors may cause dizziness or suffocation.</p>
4.2	Medical Conditions Aggravated by Exposure: None reported by the manufacturer.

5. FIRE & EXPLOSION HAZARDS

5.1	Flashpoint & Method: -50°C (-58°F)
5.2	Auto-ignition Temperature: 453°C (849°F)
5.3	Flammability Limits: Lower Explosive Limit(LEL): N/A Upper Explosive Limit (UEL): N/A
5.4	Fire & Explosion Hazards: Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
5.5	Extinguishing Methods: Use water spray to cool fire-exposed containers. Use foam, dry chemical, or carbon dioxide.
5.6	Firefighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear full turnout gear and self-contained, positive pressure, respiratory equipment. Hazardous decomposition products may include hydrofluoric acid and possibly carbonyl fluoride.

6. SPILLS & LEAKS

6.1	Personal Precautions: Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
6.2	Methods of Containment: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
6.3	Methods for Cleaning Up: Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

7. STORAGE & HANDLING

7.1	Work & Hygiene Practices: Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks, and flame. Do not ingest or inhale. Avoid direct skin contact.
7.2	Storage & Handling: Liquid contents may cause frostbite on contact with skin; therefore, do not tilt, shake, or turn can upside down before or during use. Do not store above 43°C (110°F). Do not use or store near any open flames or ignition sources.
7.3	Special Precautions: Contents under pressure. Do not puncture or incinerate. Exposure to temperatures above 49°C (110°F) may cause can to burst with violence and cause injury. Vapors are heavier than air and will collect in low areas.



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8. EXPOSURE CONTROL & PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls: For anticipated product usage, normal room ventilation is generally adequate. Local exhaust should be used when large amounts are released. Mechanical exhaust should be used in low or enclosed places.
8.2	Respiratory Protection: Not generally needed for normal product use. In case of insufficient ventilation, wear suitable respiratory equipment. A dust mask is not acceptable.
8.3	Eye Protection: Approved safety glasses with side shields should be used with this product.
8.4	Hand Protection: Not generally needed, however chemical resistant gloves may be desirable due to the possibility of liquid exposure and frostbite. Suitable gloves should be worn if prolonged skin contact is likely.
8.5	Body Protection: Not generally needed for normal product use.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	0.675-0.696
9.2	Boiling Point:	-25°C (-13°F)
9.3	Melting Point:	N/A
9.4	Evaporation Rate:	> 1
9.5	Vapor Pressure @ 25°C:	62 psig
9.6	Molecular Weight:	N/A
9.7	Appearance & Color:	Clear gas at standard temperature and pressure with a slight ethereal odor; FINISHED PACKAGE: Aerosol container filled with liquefied gas.
9.8	Odor Threshold:	N/A
9.9	Solubility:	0.28 WT% @ 25°C (liquid)
9.10	pH:	N/A
9.11	Viscosity:	N/A
9.12	Coefficient oil/water Distribution:	N/A
9.13	Additional Information:	None

10. STABILITY & REACTIVITY

10.1	Stability: Stable under normal conditions of temperature and pressure.
10.2	Decomposition Products: Carbon dioxide, carbon monoxide, low molecular weight hydrocarbons and other organic compounds.
10.3	Polymerization: Will not occur.
10.4	Conditions to Avoid: Exposure to excessive heat over 38°C (100°F) or open flames, long exposure to intense sunlight, and incompatible materials.
10.5	Incompatible Substance: Alkali or alkaline earth metals (powdered Al, Zn, Be, etc.)



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11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: 1,1 Difluoroethane: Inhalation, mouse: LC ₅₀ = 977 mg/m ³ /2H; Oral, rat: LD ₅₀ = 25 mg/kg.	
11.2	Acute Toxicity: N/A	
11.3	Chronic Toxicity: N/A	
11.4	Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
		NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
		OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
11.5	Mutagenicity:	This product is not expected to cause mutagenic effects in humans. Mutagenic effects have occurred in experimental animals
	Embryotoxicity:	This product is not expected to cause embryotoxic effects in humans.
	Teratogenicity:	This product is not expected to cause teratogenic effects in humans. Teratogenic effects have occurred in experimental animals.
	Reproductive Toxicity:	This product is not expected to cause reproductive harm in humans. Adverse reproductive effects have occurred in experimental animals.
11.6	Irritancy of Product: N/A	
11.7	Biological Exposure Indices: N/A	
11.8	Medical Recommendations: Treat symptomatically	

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability: None.
12.2	Effect on Plants & Animals: None.
12.3	Effect on Aquatic Life: None.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: Dispose of in accordance with federal & provincial hazardous waste laws.
13.2	Special Considerations: U.S. EPA Hazardous Waste: D001 (Characteristic - Ignitability). If the material is unsuitable for recycling or reclamation. Enclosed-controlled incineration is recommended unless otherwise prohibited by local ordinance.



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14. TRANSPORTATION INFORMATION

14.1	49 CFR (GND):	
	Proper Shipping Name:	1,1-Difluoroethane
	Hazard Class:	2.1
	UN Number:	UN1030
	Packing Group:	N/A
	Label Statement:	No label required if transported according to DOT Special Permit 11516
	Carton Marking:	1,1-Difluoroethane, 2.1, UN1030. Inside Containers comply with DOT-SP 11516- See DOT SP 11516 for additional requirements and restrictions
14.2	IMGD (OCN):	
	Proper Shipping Name:	1,1-Difluoroethane
	Hazard Class:	2.1
	UN Number:	UN1030
	Packing Group:	N/A
	Label Statement:	Flammable Gas
	Carton Marking:	1,1-Difluoroethane, 2.1, UN1030.
14.3	TDGR (Canada):	
	Proper Shipping Name:	1,1-Difluoroethane
	Hazard Class:	2.1
	UN Number:	UN1030
	Additional Information:	None
	Packaging Exceptions:	Limited quantity (containers up to 125mL)
14.4	IATA/ICAO (Air):	
	Proper Shipping Name:	1,1-Difluoroethane
	Hazard Class:	2.1
	UN Number:	UN1030
	Additional Information:	None
	Maximum Net Quantity Packaging:	Cargo aircraft only - 150 kg maximum (Forbidden on passenger aircraft)



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15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: N/A
15.2	SARA Threshold Planning Quantity: N/A
15.3	TSCA Inventory Status: N/A
15.4	CERCLA Reportable Quantity (RQ): None.
15.5	Other Federal Requirements: This product is a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
15.6	Other Canadian Regulations: This product has been classified according to the hazard criteria or the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.
15.7	California Proposition 65: This product does not contain any ingredients applicable to the State of California's Proposition 65 criteria.
15.8	State Regulatory Information: 1,1 Difluoroethane is listed on the following state criteria lists: Louisiana Reportable Quantity List for Pollutants, Massachusetts Right to Know List, New Jersey Right to Know Hazardous Substances ListList, and Washington Permissible Exposure List.

16. OTHER INFORMATION

16.1	Other Information: Hazardous Material Information System (HMIS) Health-1 Fire-4 Reactivity-0 PPE-B
16.2	Disclaimer: This Safety Data Sheet complies with Health Canada's Workplace Hazardous Information System (WHIMS) & U.S. OSHA's Hazard Communication Standard 29 CFR 1910.1200. To the best of Hornady Manufacturing Company's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product. Contact the manufacturer for additional information