Safety Data Sheet

Dust-Off Eco:6 Dust and Lint Remover

Section 1. Identification

Product Identifier	Dust-Off Eco:6 Dust and Lint Remover
Synonyms	DPSGRN
Manufacturer Stock Numbers	N/A
Product Cas	29118-24-9
Recommended use	Dust Removal
Uses advised against	Use only as directed. Read all label instructions. Keep out of reach of children. Intentional misuse by deliberately concentrating and/or inhaling contents may be fatal.

Manufacturer Contact

Address

Falcon Safety Products, Inc.
25 ImClone Drive
Branchburg, NJ, 08876
USA

Phone	Emergency Phone	Fax
(908) 707-4900	(800) 498-7192	N/A

Section 2. Hazards Identification

Classification	GASES UNDER PRESSURE - Compressed gas
Signal Word	Warning
Pictogram	
Hazard Statements	Contains gas under pressure; may explode if heated
Precautionary Statements	
Response	N/A
Prevention	DO NOT SMOKE Pressurized container: Do not pierce or burn, even after use.
Storage	Protect from sunlight. Store in a well-ventilated place.

	Store at temperatures not exceeding 49 degreees C/120 degrees F
Disposal	N/A
General	Keep out of reach of children
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	Repeated or prolonged inhalation may cause toxic effects.
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	100 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin	For liquid contact, warm areas gradually by flushing with lukewarm water. Do not rub affected area, If blistering occurs, apply a sterile dressing. Seek medical attention.
Eye	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion	Is not considered a potential route of exposure.
General Advice	Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.
Notes to Physician	Treat frost-bitten areas as needed.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Cool containers/tanks with water spray. Water mist, dry powder, foam, carbon dioxide (CO2)
Unsuitable Extinguishing Media	High volume water jet
Firefighters Specific Hazards From Chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with floodings quantities of water until well after fire is out.
Firefighters Specific Hazards	Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Fire may cause evolution of Hydrogen Flouride
Protective Equipment for Firefighters	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Methods for Containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Section 6. Accidental Release Measures

Safeguards (Personnel)	Evacuate personnel to safe areas. Ventilate the area. Refer to protective measures listed in sections 7 and 8. Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Avoid accumulation of vapors in low areas. Avoid contact with skin/eyes (frostbite danger).
Environmental Precautions	Prevent leakage if safe to do so. Product evaporates readily.
Methods for Clean-Up	Do not direct water spray at the point of leakage. Allow to evaporate.

Section 7. Handling and Storage

Handling (Personnel)	Avoid breathing vapors or mist. Avoid contact with skin, eyes and clothing. Provide sufficient air exchange and/or exhaust in work rooms. For personal protection see section 8. Handle in accordance with good industrial hygiene and safety practice.
Storage Temperature	Do not expose to temperatures above 120 degrees F (49 degrees C) as overheating could cause can to burst. DO NOT leave in direct sunlight or enclosed vehicle.
Storage	Keep out of reach of children.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	N/A	N/A	N/A

Personal Protective Equipment	N/A
Engineering controls	Ensure adequate ventilation, especially in confined areas. Use respiratory protection if needed.
Eye/Face Protection	Wear safety glasses with side shields. Direct contact with liquid may cause frostbite.
Skin and body protection	As required by employer code. If there is risk of skin contact, wear protective clothing, gloves, etc. Direct contact with liquid can cause frostbite.
Respiratory Protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Section 9. Physical and Chemical Properties

Physical State	Compressed Liquified Gas
Color	Clear
Odor	Slight
Odor Threshold	Not Available
Solubility	.373 G/L
Partition coefficient Water/n-octanol	Not Available
VOC%	N/A
Viscosity	Not Available
Specific Gravity	N/A
Density lbs/Gal	1.17
Pounds per Cubic Foot	N/A
Flash Point	Does not flash
FP Method	N/A
Ph	neutral
Melting Point	Not Available
Boiling Point	-2.20°F (-19° C)
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not Available
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	694.40°F (368°C)
Vapor Pressure	4192 HPa@20 degrees C
Vapor Density	4 Note: (Air=1.0)

Section 10. Stability and Reactivity

Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Aerosol containers are unstable at temperatures above 120 degrees F/49 degress C.
Incompatible materials	Reactions with alkali metals. Do not mix with other chemicals.
Hazardous Decomposition Products	Pyrolysis products containing fluoride, Fluorocarbons, Hydrogen Fluoride

Section 11. Toxicological Information

Component Analysis - LC50	trans-1,3,3,3-tetrafluoroprop-1-ene - Not Available
Component Analysis - Oral LD50	trans-1,3,3,3-tetrafluoroprop-1-ene - Not Available
Effects of Acute Exposure	Eye - Vapors may cause mild irritation. Contact with liquid may cause frostbite. Skin - Vapors are not irritating. Contact with liquid may cause frostbite. Inhalation- Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness). May cause asphyxiation in high concentrations. Ingestion - Not a normal route of exposure. Ingestion of liquid may cause frostbite to mucous membranes and central nervous system depression.
Sensitization	Non-hazardous by WHMIS/OSHA criteria.
Chronic Effects	Non-hazardous by WHMIS/OSHA Criteria
Mutagenicity	Non-hazardous by WHMIS/OSHA Criteria.
Reproductive Effects	Non-hazardous by WHMIS/OSHA Criteria.
Teratogenicity	Non-hazardous by WHMIS/OSHA Criteria.

Section 12. Ecological Information

Ecotoxicity Effects - Toxicity to fish	NOEC: >117 mg/l Exposure time: 96 h Species: Cyprinus carpio (Carp)
Ecotoxicity Effects - Toxicity to daphnia and other aquatic invertebrates	EC50: > 160 mg/l, Exposure time: 48 h, Species: Daphnia magna (Water flea)
Ecotoxicity Effects - Toxicity to algae	Growth inhibition. NOEC: > 170 mg/l, Exposure Time: 72 h, Species: Algae
Elimination information (persistence and degradability)	Biodegradability: aerobic - Result: Not readily biodegradable

Section 13. Disposal

Waste Disposal Method	Comply with applicable Federal, State/Provincial, and Local Regulations.
Contaminated Packaging	Not Available

Section 14. Transport Information

UN Number	3163
UN Proper Shipping Name	LIQUIFIED GAS, N.O.S. (TRANS-1,3,3,3-TETRAFLUOROPROP-1-ENE)
DOT Classification	2.2
Packing Group	N/A
Hazard Labels:	2.2
IATA (Air)	Proper Shipping Name: LIQUIFIED GAS, N.O.S. (TRANS-1,3,3,3-TETRAFLUOROPROP-1-ENE) Hazard Class: 2.2 UN Number: 3163 Maximum net quantity: 75 kg
IMDG (Vessel)	Proper Shipping Name: LIQUIFIED GAS, N.O.S. (TRANS-1,3,3,3-TETRAFLUOROPROP-1-ENE) Hazard Class: 2.2 UN Number: 3163

Section 15. Regulatory Information

US Federal Regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA (Superfund) Reportable Quantity	None
TSCA	On the inventory, or in compliance with the inventory.
SARA 302 Components:	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Regulated Chemical(s)	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	Acute Health Hazard, Sudden Release of Pressure Hazard
California Prop. 65	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
WHMIS Classification:	Class - A Compressed Gas. This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

Section 16. Other Information

Revision Date	5/26/2015
Disclaimer	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Prepared By	Falcon Safety Products, Inc. 908-707-4900