Safety Data Sheet
Dust-Off Eco:6 Dust and Lint Remover

Section 1. Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Dust-Off Eco:6 Dust and Lint Remover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms</td>
<td>DPSGRN</td>
</tr>
<tr>
<td>Manufacturer Stock Numbers</td>
<td>N/A</td>
</tr>
<tr>
<td>Product Cas</td>
<td>29118-24-9</td>
</tr>
</tbody>
</table>

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: (908) 707-4900
Emergency Phone: (800) 498-7192
Fax: 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.
Occupational exposure limits, if available, are listed in Section 8.

Disposal
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

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>29118-24-9</td>
<td>1-Propene, 1,3,3,3-tetrafluoro-, (1E)-</td>
<td>100 %</td>
</tr>
</tbody>
</table>

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 flooding 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 Fluoride

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

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Propene, 1,3,3,3-tetrafluoro-, (1E)-</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Compressed Liquified Gas</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Available</td>
</tr>
<tr>
<td>Solubility</td>
<td>0.373 G/L</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not Available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>N/A</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>1.17</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Does not flash</td>
</tr>
<tr>
<td>FP Method</td>
<td>N/A</td>
</tr>
<tr>
<td>Ph</td>
<td>neutral</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>-2.20°F (-19°C)</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>N/A</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>694.40°F (368°C)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>4192 HPa@20 degrees C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>4 Note: (Air=1.0)</td>
</tr>
</tbody>
</table>

## Section 10. Stability and Reactivity

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