



SAFETY DATA SHEET

SW CLEAN JET 100 DUSTER
July 22, 2015

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

- 1.1 Product Identifier**
Trade Name SW CLEAN JET 100 DUSTER
Product Number 1000011589 (0964)
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Product Use: Air Duster for professional use
- 1.3 Details of the Supplier of the Safety Data Sheet**
Manufacturer: Sprayway, Inc.
1005 S. Westgate Drive
Addison, IL 60101
United States of America
- Information Phone Number:** +1-800-332-9000
E-mail internationalorders@plzaeroscience.com
- 1.4 Emergency Telephone Number**
Emergency Spill Information 866-836-8855 Outside US: +1-952-852-4646

SDS Date of Preparation: July 22, 2015

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP/GHS Classification (1272/2008): Aerosol Category 3 (H229)

2.2 Label Elements

WARNING!

H229 Pressurized container: may burst if heated.
P210 Keep away from heat, sparks, open flames, hot surfaces – No smoking.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Less than 1 percent by mass of the contents are flammable.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS# / EINECS#	%	Substance Classification EC No 1272/2008
1,1,1,2-Tetrafluoroethane	811-97-2 / 212-377-0	90-100	Liq Gas (H280)

See Section 16 for further information on EU Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye Contact: Flush eyes with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation occurs and persists.

Skin: No first aid should be needed.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.

Ingestion: Not applicable.

4.2 Most Important symptoms and effects, both acute and delayed: May cause slight eye and skin irritation. Inhalation



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may cause irritation, headache, dizziness and drowsiness.

- 4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Extinguishing Media:**
Use foam, carbon dioxide or dry chemical. Use water spray to cool fire-exposed containers.
- 5.2 Special Hazards Arising from the Substance or Mixture**
Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 50°C may cause cans to burst.
Hazardous Combustion Products: Not combustible.
- 5.3 Advice for Fire-Fighters:**
Wear approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**
Wear appropriate personal protective equipment. Ventilate area.
- 6.2 Environmental Precautions:**
Report spill as required by local and national regulations.
- 6.3 Methods and Material for Containment and Cleaning Up:**
Place leaking can in a pail or other open container in a well ventilated area until the pressure has released Absorb liquid with inert absorbent material Collect and place in an appropriate waste disposal container.
- 6.4 Reference to Other Sections:**
Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid contact with eyes. Avoid breathing spray mists. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container.

Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
Store in a cool, well-ventilated area at temperatures below 50°C. Do not store in direct sunlight. Store away from oxidizers.
- 7.3 Specific end use(s):**
Air Duster for professional use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control Parameters:**

Chemical Name	Occupational Exposure Limits
1,1,1,2-Tetrafluoroethane	1000 ppm TWA, 4000 ppm STEL (Austria) 1000 ppm TWA, 8000 ppm STEL (DFG MAK) 500 ppm TWA, 750 ppm STEL (Sweden)



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1000 ppm TWA (Switzerland, UK)

8.2 Exposure Controls:

Ventilation: Use with adequate general ventilation to minimize exposure. For operations where the occupational exposure limit may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

Respiratory Protection: None needed under normal use conditions. For operations where the occupational exposure limit may be exceeded, a local authority approved supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Skin Protection: None needed for normal use.

Eye Protection: None needed for normal use.

Other Protective Equipment: None needed for normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear, colorless liquid in an aerosol spray

Odor: Characteristic

Odor Threshold: Not established

pH: Not applicable

Melting Point/Freezing Point: Not available

Boiling Point: Not available

Flash Point: Not flammable

Evaporation Rate: Not available

Flammability (solid, gas): Propellant is not flammable

Flammable Limits:

LEL: Not available **UEL:** Not available

Vapor Density: Not available

Relative Density: 1.206

Water Solubility: Insoluble in water

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

Explosion Properties: Not explosive

Oxidizing Properties: Not oxidizing

Vapor Pressure: 75-85 psig @ 21°C

Heat of Combustion: Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

10.2 Chemical Stability:

Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions:

None known.

10.4 Conditions to Avoid:

Keep away from heat, sparks, flames and other sources of ignition. Dropping containers may cause bursting.

10.5 Incompatible Materials:

Avoid strong oxidizing agents.

10.6 Hazardous Decomposition Products:

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: May cause slight irritation with redness, swelling and tearing.

Skin: May cause slight irritation and dryness.

Inhalation: Breathing vapors or mists may cause irritation of the mucous membranes and upper respiratory tract. Excessive overexposure to vapors may cause headache, dizziness, drowsiness, depressed respiration and heart rate.



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heart rhythm irregularities, shortness of breath, unconsciousness or death.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhea.

Chronic Hazards: None known.

Acute Toxicity Values:

1,1,1,2-Tetrafluoroethane: LCLo inhalation rat >567000 ppm/4 hr.

Skin Corrosion/ Irritation: 1,1,1,2-Tetrafluoroethane is not a skin irritant.

Eye Damage/Irritation: 1,1,1,2-Tetrafluoroethane is not an eye irritant.

Respiratory or Skin Sensitization: 1,1,1,2-Tetrafluoroethane is not a skin or respiratory sensitizer.

Germ Cell Mutagenicity: 1,1,1,2-Tetrafluoroethane is not classified as a germ cell mutagen.

Carcinogenicity: None of the components are listed as a carcinogen by the EU CLP.

Reproductive Toxicity: None of the components are classified as toxic to reproduction.

Specific Target Organ Toxicity:

Single Exposure: No adverse effects expected.

Repeated Exposure: No adverse effects expected.

Aspiration Hazard: Components are not aspiration hazards.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Terand Air Duster Non-Flammable: LC50 Fish 454.386 mg/L/96 hr (estimated), EC50 Daphnia 989.0522 mg/L/48 hr.

12.2 Persistence and Degradability:

No data available.

12.3 Bioaccumulative Potential::

1,1,1,2-Tetrafluoroethane: Log Kow 1.274

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB Assessment:

Components do not meet the criteria of PBT or vPvB.

12.6 Other Adverse Effects:

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose in accordance with all local, regional and national regulations. Do not puncture or incinerate containers. When contents are depleted, continue to depress button until all gas is expelled.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	UN1950	Limited Quantity	2.2	None	No
EU ADR/RID	UN1950	Aerosols, Limited Quantity	2.2	None	No
IMDG	UN1950	Aerosols, Limited Quantity	2.2	None	No



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14.6 Special Precautions for User:
None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

European Inventory of Commercial Chemical Substances: All of the components of this product are listed on the EINECS inventory.

15.2 Chemical Safety Assessment:
Not required

SECTION 16: OTHER INFORMATION

Revision Summary: New SDS

Mixture Classification (Regulation (EC) No 1272/2008): Mixture classification following mixture rules in Parts 3 and 4 of Annex I of CLP.

CLP Classes and Hazard Phrases for Reference (See Section 3):

Liq Gas Liquefied Gas

H280 Contains gas under pressure; may explode if heated.

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.