



MATERIAL SAFETY DATA SHEET

Prepared according to ISO / DIS 11014

Data sheet No: MSDS0077US Issue: 4 Date: 05.17.2011

WHAT IS THE PRODUCT AND WHAT INFORMATION IS REQUIRED IN AN EMERGENCY?

SECTION 1 - IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product Name: SOLO Detector Duster
Part Number: SOLO A7 - XXX (XXX denotes product variant reference)
Distributor: SDI, 1345 Campus Parkway, Neptune, NJ 07753 6815
Tel (732) 751 9266; Fax (732) 751 9241
Emergency Contact: InfoTrac: **Tel:** 1-800-535-5053

SECTION 2 - COMPOSITION/INFORMATION ON COMPONENTS

Chemical characterization: Substances

Components	EINECS No.	CAS No.	Approx. wt. %
HFC 134a (1,1,1,2- Tetrafluoroethane)	212-377-0	811-97-2	80-100

SECTION 3 - HAZARD IDENTIFICATION

Classification of the substance or mixture

This substance is not classified according to the Globally Harmonized System (GHS).
Not regarded as a health or environmental hazard under current legislation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

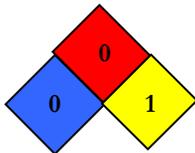
Label elements

Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The substance is not subject to classification.

Safety phrases

Keep out of the reach of children.
Keep away from sources of ignition - No smoking.
DO not breathe fumes / aerosol.
If swallowed, seek medical advice immediately and show this container or label.
Use only in well-ventilated areas.

NFPA ratings (scale 0-4)



Health = 0
Fire = 0
Reactivity = 1

WHMIS-ratings (scale 0-4)

Health: 0	Health = 0
Fire: 0	Fire = 0
Reactivity: 1	Reactivity = 1

FIRE AND EXPLOSION HAZARDS:

- This product is classed as a non-flammable aerosol. However mixtures of HFC-134a with high concentrations of air at elevated pressure and / or temperature can become combustible in the presence of an ignition source.
- As with all pressurised aerosol containers, cans may burst if heated to over 122°F (50°C)

WHAT SHOULD BE DONE IF A HAZARDOUS SITUATION OCCURS?

SECTION 4 - FIRST AID MEASURES

Eyes:

- Rinse the eyes with water immediately after contact,

Skin:

- Rinse the skin immediately with lots of water;

Ingestion:

- Unlikely to happen as the product is a vapour/mist at room temperature; If product enters mouth, rinse mouth out with water and avoid swallowing;

Inhalation:

- Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media:

- Use water spray to keep containers cool that are exposed to heat or flames. Use extinguishing media as appropriate for surrounding fire.

Unusual Fire & Explosion Hazards

- Pressurised Container, possible risk of can rupture when exposed to fire/high temperatures.

Special exposure hazards:

- Wear appropriate protective clothing and equipment to prevent skin and eye contact. Avoid breathing gas. When airborne exposure limits are exceeded use NIOSH approved respiratory protection equipment.

SECTION 6 - ACCIDENTAL RELEASE (SPILL AND LEAK) MEASURES:

Person-related safety precautions:

- With uncontrollable releases (i.e., release from several cans at once), evacuate affected area and ventilate;

Measures for cleaning:

- Ensure adequate ventilation to allow for evaporation

HOW CAN HAZARDOUS SITUATIONS BE PREVENTED FROM OCCURRING?

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING, STORAGE & USE

Safe Handling:

- Contents are under pressure- do not puncture or force open cans even when empty

Safe Storage:

- Observe official regulations on storing packaging with pressure containers;
- Store containers in cool, dry locations away from direct sunlight and do not store at temperatures exceeding 122°F (50°C) e.g. passenger or back seat of a car in summer months

Safe Use:

- As with all chemicals, avoid getting this product IN YOU- do not eat and drink whilst handling chemicals;
- Ensure good ventilation/mechanical exhaustion at workplace;
- Do not deliberately concentrate or inhale vapours;
- Follow label directions carefully;
- Do not spray on a naked flame or incandescent material.

SECTION 8 - EXPOSURE CONTROLS

Occupational Exposure Limit

- HFC 134a (1,1,1,2- Tetrafluoroethane) WEEL 1000ppm.

Respiratory Protection:

- No protective device is required during normal use of product in well-ventilated area.
- Mechanical ventilation is recommended where product is used in confined or poorly ventilated spaces.

Hand and Eye Protection:

- Not normally required when used as directed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical & Chemical properties:

- Appearance - Clear, colourless liquefied gas
- Boiling point -26°C (-15°F)
- Vapour pressure at 20°C (68°) 5.8 Bar
- Density at 20°C (68°F) 1.22g/cm³ (10.181 lbs/gal)
- Solubility in / Miscibility with water at 20°C (68°F) 1.93g/l

SECTION 10- STABILITY & REACTIVITY

Stability:

- Normally stable;

Conditions to avoid:

- Extreme heat, direct sunlight;

WHAT IS THE IMPACT OF THIS PRODUCT ON HEALTH AND THE ENVIRONMENT?

SECTION 11 - TOXICOLOGICAL INFORMATION

Under normal usage, this product should pose little risk to the health of the user.

Skin, Eyes and Respiratory system:

- **Inhalation:** Gas or vapour displaces oxygen available for breathing (asphyxiant).
- **Skin:** No irritant effect.
- **Eyes:** No irritant effect.
- Sensitization: No sensitizing effect known.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Hazards:

- Not classified as dangerous to the environment;

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method:

- Consult local and national regulations;
- Do not puncture or incinerate even when empty;
- Dispose of in accordance with Local Authority Requirements

**WHAT INFORMATION DO I NEED TO KNOW REGARDING THE TRANSPORTATION,
CLASSIFICATION, PACKAGING AND LABELLING OF THIS PRODUCT?**

SECTION 14 - TRANSPORT INFORMATION

US DOT:

Proper Shipping Name: AEROSOLS
Hazard Class: 2.2
UN Number: UN1950
DOT Packing Group: N/A

Maritime transport IMDG:



IMDG Class: 2
Proper Shipping Name: AEROSOLS
Label: 2.2
UN Number: UN1950
EMS Number: F-D, S-U
DOT Packing Group: N/A
Marine Pollutant: No

Land transport ADR/RID (cross-border)



ADR/RID Class: 2 2A Gases
Danger code (Kemler): 20
UN Number: 1950
UN proper shipping name: 1950 AEROSOLS

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 2
UN/ID Number: 1950
Proper shipping name: AEROSOLS

Transport Canada-TDG:

Proper Shipping Name: AEROSOLS
Primary Class: 2.2
UN Number: UN1950
Packaging Group: N/A

SECTION 15- REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations 40 CFR 710: All ingredients are on the TSCA Chemical Substances Inventory.

CERCLA and SARA Regulations (40 CFR 355,370 and 372): This product does not contain any chemicals subject to reporting requirements of SARA section 313.

Code and hazard designation of product:

Risk R-Phrases

- Not classified

Safety S- Phrases:

- Keep out the of reach of children
- Keep away from sources of ignition - No smoking
- Do not breathe fumes / aerosol
- If swallowed, seek medical advice immediately and show this container or label.
- Use only in well ventilated areas.

WHMIS (Canada)

- Class A: Compressed.

SECTION 16 - OTHER INFORMATION

Revision Status:

1. Material Safety Data Sheet	10.20.2003
2. Sections 2 and 3 reversed in accordance with specification. Section 8 OEL (Occupational Exposure Limit) added. Specification Heading added page 1.	03.04.2010
3. NFPA and WHMIS ratings added to Section 2	11.02.2010
4. Section 3 Additional Classification information.	05.11.2011

As our policy is one of continuous improvement, details of products described within this publication are subject to change without notice. All information provided here is believed to be correct at the time of going to press. Every effort has been made to ensure the accuracy of information which is provided in good faith but nothing contained herein is intended to incorporate any representation or warranty, either express or implied or to form the basis of any legal relations between the parties hereto, additional to or in lieu of such as may be applicable to a contract of sale or purchase.