

MATERIAL SAFETY DATA SHEET

Prepared to Commission Directive 91/155/EEC, 1991 and US OSHA Standards

Data sheet No: MSDS0077UK Issue: 3 Date: 30.08.05

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)

Manufacturer: No Climb Products Ltd, Edison House, 163 Dixons Hill Road, Welham Green, Hertfordshire AL9 7JE United Kingdom
Tel +44 (0) 1707 282760; Fax +44 (0) 1707 282777

SECTION 2 – COMPOSITION/INFORMATION ON COMPONENTS

Components	EINECS No.	CAS No.	Approx. wt. %	Symbol	EC Risk phrase/class
HFC 134a (1,1,1,2- Tetrafluoroethane) The full text for all R / S phrases are shown in section 16	212-377-0	811-97-2	80-100	NC	Not classified

SECTION 3 – HAZARD IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

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 50⁰C (122°F).

WHAT SHOULD BE DONE IF A HAZARDOUS SITUATION OCCURS?**SECTION 4 – FIRST AID MEASURES****Eyes:**

- Rinse the eye with water immediately

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:

- 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

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 50°C (122°F) (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- if this is not possible, take regular breaks from use;
- 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

Respiratory Protection:

- No protective device is required during normal use of product;
- Mechanical ventilation is recommended where product is used in confined or poorly ventilated spaces.
- OES = Occupational Exposure Standard
TWA (8HR) = 100ppm

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

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:** Liquid on skin could result in freeze burns.
- **Eyes:** Liquid splashes could result in freezing of the eye tissue.

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

Designation of Goods / Proper Shipping Name:

- Aerosols, non-flammable

UN- Number:

- UN 1950

Land Transport (ADR/RID):

- UN1950; Class 2.2

Maritime Transport (IMDG)/Land-Sea Interface:

- UN1950; Class 2.2

Air Transport (ICAO-TI/IATA):

- UN1950 Class 2.2

SECTION 15- REGULATORY INFORMATION

Designation according to EC Guidelines

This product has been classified and labelled in accordance with relevant EC Directives and national laws.

Code and hazard designation of product:

- Not applicable

Risk R- Phrases:

- Not classified

Safety S- Phrases:

- S2 – Keep out the of reach of children;
- S23 – Do not breathe gas / fumes / vapour /spray
- S51 – Use only in well ventilated areas
- S9 – Keep container in a well ventilated place
- S35 – This material and its container must be disposed of in a safe way

SECTION 16 – OTHER INFORMATION

References:

Commission Directive 91/155/EEC, 1991; Statutory Instruments- The Chemicals (Hazard Information and Packaging for Supply) CHIP 3 Regulations July 2002; COSHH Regulations 1989;

Revision Status:

- | | |
|---|----------------------|
| 1. New Material Data Sheet | Issue 1: 28-10-2003 |
| 2. Change of Address | Issue 2: 04 -12-2003 |
| 3. Section 14 amended to include reference to Designation & Class 2.2 | Issue 3: 30 -08-2005 |

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