

SAFETY DATA SHEET

Air Duster

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Air Duster

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Duster Spray

1.3. Details of the supplier of the safety data sheet

Supplier Aerosol Solutions Ltd
Unit C2 Bridgefield Ind Est
Draycott Road
Breaston
Derby
DE72 3DS
T 01332 870030
F 01332 870033
sales@aerosolsolutions.co.uk

1.4. Emergency telephone number

Emergency telephone 01332 870 030

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 3 - H229

Health hazards Not Classified

Environmental hazards Not Classified

Physicochemical Not considered to be a significant hazard due to the small quantities used. Aerosol containers can explode when heated, due to excessive pressure build-up.

2.2. Label elements

Signal word Warning

Hazard statements H229 Pressurised container: may burst if heated

Precautionary statements P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe vapour/spray.
P271 Use only outdoors or in a well-ventilated area.
P501 Dispose of contents/container in accordance with local regulations.

Supplemental label information Contains 0.36kg of a fluorinated greenhouse gas covered by the Kyoto protocol: HFC-134a (Tetrafluoroethane : EC No. 212-377-0).
Global Warming Potential (GWP) in CO2 equivalent: 1430.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

Air Duster

3.2. Mixtures

TETRAFLUOROETHANE		60-100%
CAS number: 811-97-2	EC number: 212-377-0	REACH registration number: 01-2119459374-33-XXXX
Classification	Classification (67/548/EEC or 1999/45/EC)	
Not Classified	-	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once.
Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water.
Skin contact	Rinse with water. Get medical attention if any discomfort continues.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Decomposes on contact with flames and hot surfaces to produce hydrofluoric acid and fluorophosgene. Containers can burst violently or explode when heated, due to excessive pressure build-up.
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5.3. Advice for firefighters

Protective actions during firefighting	Warn firefighters that aerosols are involved. Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Not considered to be a significant hazard due to the small quantities used.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	VENTILATE/EVAPORATE.
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6.4. Reference to other sections

Air Duster

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 degrees Centigrade. Do not pierce or burn, even after use.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

TETRAFLUOROETHANE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 4240 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Appropriate engineering controls This product must not be handled in a confined space without adequate ventilation.

Personal protection When using the aerosol do not smoke.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection Not relevant

Hygiene measures The product itself does not pose any hygiene risks. However normal hygiene standards appropriate to the work place should be maintained.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

Colour N/A

Odour No characteristic odour.

Flash point n/a °C

Relative density 1.206 @ °C

Comments Information given is applicable to the major ingredient.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Air Duster

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Alkali metals.

10.6. Hazardous decomposition products

Hazardous decomposition products Hydrogen chloride (HCl). Hydrogen fluoride (HF). By decomposition and hydrolysis.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Inhalation	May cause respiratory system irritation.
Ingestion	No specific health hazards known.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Irritating to eyes.
Acute and chronic health hazards	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Route of entry	Inhalation
Target organs	Respiratory system, lungs
Medical symptoms	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

SECTION 12: Ecological Information

Ecotoxicity No data on possible environmental effects have been found.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Do not puncture or incinerate, even when empty.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Air Duster

SECTION 14: Transport information

General

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.2

ADR/RID subsidiary risk

ADR/RID label 2.2

IMDG class 2.2

IMDG subsidiary risk

ICAO class/division 2.2

ICAO subsidiary risk

Transport labels



14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Air Duster

EmS F-D, S-U

Emergency Action Code

Hazard Identification Number
(ADR/RID)

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010.
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	01/06/2015
Revision	1
SDS number	12529
SDS status	Approved.
Risk phrases in full	NC Not classified.
Hazard statements in full	H229 Pressurised container: may burst if heated H229 Pressurised container: may burst if heated

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.