# 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**

Chemodex Ltd

Canal Road

Worksop

Nottinghamshire

S80 2EH

### 1.4. Emergency telephone number

01909 473301 (Office hours only)

**Emergency telephone**

## 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 $CO_2$ 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.

### 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.

### 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.

### 6.2. Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** VENTILATE/EVAPORATE.

### 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 decompostion 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).<br>Commission Regulation (EU) No 453/2010 of 20 May 2010. |
| **Guidance** | Workplace Exposure Limits EH40.<br>CHIP for everyone HSG228.<br>Safety Data Sheets for Substances and Preparations.<br>Approved Classification and Labelling Guide (Sixth edition) L131.<br>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<br>H229 Pressurised container: may burst if heated |