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**SECTION 1: COMPANY AND PRODUCT IDENTIFICATION**

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Fellowes UK  
Yorkshire Way, West Moor Park  
Doncaster, South Yorkshire  
DN3 3FB  
UK  
Telephone: + 44 (0) 1302 836800  
Fax: + 44 (0) 1302 836899

**Product Name:** HFC Free Air Duster (99748, 99749, 99777, 99778)

**Description:** Cleaning Air Duster

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**SECTION 2: HAZARD IDENTIFICATION**

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**Inhalation:** Intentional misuse by concentrating and inhaling the vapours may be harmful or fatal.  
**Eyes:** Liquid may cause severe eye irritation.  
**Skin:** May cause slight irritation at contact point and frost-bite-like symptoms.  
**Ingestion:** Slight throat irritation may occur.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>Chemical Name:</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>Maximum Weight :</u>
Butane (<0.1% butadiene)	106-97-8	203-448-7	55 – 70%
Propane	74-98-6	200-827-9	30 – 45%

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**SECTION 4: FIRST AID MEASURES**

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**Inhalation:** Move to fresh air. Seek medical advice if not feeling well. If breathing has stopped, begin artificial respiration. Obtain medical attention without delay.  
**Eyes:** In case of cold burns involving the eye, obtain medical attention without delay.  
**Skin:** If cold burns, obtain medical advice. Cover with sterile dressings only. Do not apply ointments or powders.  
**Ingestion:** Not applicable

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**SECTION 5: FIREFIGHTING MEASURES**

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**Flash Point:** < 0oC  
**Flammability Limits in Air by volume:** **Lower:** Unknown **Upper:** Unknown  
**Extinguishing Media:** Carbon dioxide, powder, spray  
**Special Firefighting Measures:** Do not use full jet of water. Keep containers cool by spraying with water. Vapours may form explosive mixtures. Measures: with air. Use self-contained breathing equipment.  
**Unusual Hazards:** Heating will cause pressure rise with risk of bursting.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Avoid contact with skin and eyes.  
Eliminate sources of ignition.  
Ensure good ventilation.  
If ventilation is insufficient, wear suitable respiratory equipment.

**Environmental precautions:** Evacuate area. Stop flow. Eliminate all sources of ignition.

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## SECTION 7: HANDLING AND STORAGE

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**Handling:** Use only in well-ventilated areas. Keep away from heat and flame.  
**Storage:** Protect from sunlight and do not expose to temperatures exceeding 50°C.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Eyes and Face:** Avoid contact with eyes  
**Clothing:** No special clothing necessary  
**Respiratory:** Use in well ventilated area. Do not inhale spray particles  
**Ventilation:** Use in well ventilated area

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Boiling Point:** Not applicable  
**Evaporation Rate:** Not determined  
**Specific Gravity:** Not determined  
**Solubility in Water:** Miscible  
**Appearance/Odor:** Clear gas, distinct odor

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## SECTION 10: STABILITY AND REACTIVITY

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**Stable:** Stable, no dangerous reactions at efficient use.  
**Conditions to Avoid:** Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition. Storage in a dry well ventilated place.  
**Chemical Incompatibility:** May react with strong oxidizing agents.  
**Hazardous Decomposition:** Stable, no dangerous reactions at efficient use.  
**Hazardous Polymerization:** Will not occur

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Information published in the literature shows a very low order of toxicity.

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Exposures to very high concentrations have an anaesthetic effect.

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## SECTION 12: ECOLOGICAL INFORMATION

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**12.1. Ecotoxicity:** - Butane/Propane: Low acute toxicity for mammals. Slightly toxic, CL50/CE50 > 10-100 mg/l to aquatic organisms estimated.

**12.2. Mobility:** - Butane/Propane: Evaporates extremely rapidly from water or soil surface. Disperse rapidly in air.

**12.3. Persistence en degradability:** - Butane/Propane: Oxidises quickly by photochemical reactions in air.

**12.4. Bioaccumulatif potential:** - Butane/Propane: Does not bioaccumulate.

**12.5. Other adverse effects :** No.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**Disposal Methods:** Dispose in accordance with local and state regulations.

**Additional Information:** No additional information

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## SECTION 14: TRANSPORT INFORMATION

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**DOT:** ORM-D Consumer Commodity

**IATA:** UN1950, AEROSOLS, FLAMMABLE, 2.1

**IMO:** UN1950, AEROSOLS, FLAMMABLE, 2ADR 5F, Class 2.1, EmS F-D, S-U

**Other relevant data :** Extremely flammable

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## SECTION 15: REGULATORY INFORMATION

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Label according to the Directives relating to the classification, packaging and labelling of dangerous substances and preparations :



**Extremely flammable**



Mandatory Safety Phrases

Recommended Safety Phrases:

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## SECTION 16: OTHER INFORMATION

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**Risk phrases:**



R12: Extremely flammable.

**Safety phrases:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

S2 : Keep out of the reach of children.

S16 : Keep away from sources of ignition. No smoking.

S23 : Do not breathe spray.

S46 : If swallowed, seek medical advice immediately and show this container or label.

S51: Use only in well-ventilated areas.

Further information: **Instructions of use:** Store and use at room temperature. Disconnect electrical equipment until the spray has evaporated. Do not shake can during use. Spray in short bursts on the surface to be treated.

The information contained in this Material Safety Data Sheet is believed to be correct and accurate and can be used as a guide.  
2012