

# Technical Data

## **INVERTIBLE AERO DUSTER 101 INSTANT CLEANING WITHOUT SOLVENTS**

**AERO DUSTER 101** is a liquified gas which provides a dry, powerful blast which works at any angle, even when inverted for easy removal of dust and other loose contamination. Ideally suited for Field Engineers.

### **APPLICATIONS**

Suitable for instant cleaning of inaccessible areas or where the use of solvents is not desirable. Can be used safely and efficiently on:

- Televisions
- Video and Audio Equipment
- Computers
- Tape Heads
- Cameras
- Business Equipment
- Clocks and Watches

The product can be used in any position and sprayed directly onto the part to be treated. The extension tube helps to reach remote areas and components.

### **TECHNICAL DATA**

Appearance	:	Gas at room temperature
Odour	:	Slight ethereal odour
S.G	:	1.14
Pressure @ 25°C	:	6.4 bar
Discharge rate	:	0.9g/sec
Solubility	:	Not applicable
Flammability	:	Non-Flammable
Flashpoint	:	Not applicable in sealed aerosol
Packaging	:	110ml aerosol

**STORAGE**

The product may be stored at normal ambient temperatures and has a shelf life of not less than 12 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

**HEALTH AND SAFETY**

Health and Safety sheet available separately.

**MISREPRESENTATION ACT 1967****TRADE DESCRIPTIONS ACT 1968**

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## Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

**Productname :** SERVISOL INVERTIBLE AERO DUSTER 101  
**Creationdate :** 15.02.08  
**Ref.Nr.:** UK20035-3-150208  
**Replaces:** 06.04.07

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** SERVISOL INVERTIBLE AERO DUSTER 101  
 Aerosol

**Application :** Cleaning - Accessories

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### 2. HAZARD IDENTIFICATION

**Health and Safety :** Not Classified

**Other hazards :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

### 3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
dimethyl ether	115-10-6	204-065-8	5-10	F+	12	A
tetrafluoroethane	811-97-2	212-377-0	60-100	-	-	B

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						

(\* Explanation risk-phrases : see chapter 16)

#### 4. FIRST AID MEASURES

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<b>General Advice :</b>	The usual precautions for handling chemicals should be observed If any symptoms should occur, seek medical advice.
<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with plenty of water Seek medical attention if irritation persists
<b>Contact with skin :</b>	Wash with water and soap. Seek medical attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest.
<b>Ingestion :</b>	Ingestion is unlikely to occur If swallowed accidentally, do not induce vomiting and seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

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<b>Flash point (without propellant):</b>	not available
<b>Explosion limits : upper limit :</b>	not available
<b>lower limit :</b>	not available
<b>Extinguishing media :</b>	foam, carbon dioxide or dry agent
<b>Fire-fighting procedures :</b>	Keep container(s) exposed to fire cool, by spraying with water
<b>Unusual exposure hazard :</b>	Aerosols may explode if heated above 50°C

#### 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions :</b>	Shut off all ignition sources Ensure adequate ventilation
<b>Environmental precautions :</b>	Do not allow to enter public sewers and watercourses
<b>Cleaning methods :</b>	Absorb spillage in suitable inert material

#### 7. HANDLING AND STORAGE

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<b>Handling procedures :</b>	Use only in well ventilated areas Do not pierce or burn aerosols, even after use. Do not spray on a naked flame or incandescent material. Do not breathe aerosols or vapours. Avoid contact with skin and eyes.
<b>Storage procedures :</b>	Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep in a cool, dry, well ventilated place Keep out of reach of children.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition
<b>Personal protection :</b>	It is advisable to take precautions to avoid contact with skin and eyes when handling the product. Use only in well ventilated areas
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	Wear suitable protective gloves
<b>eyes :</b>	Wear safety goggles.
<b>Exposure limits :</b>	

Hazardous ingredient	CAS-nr	method	
<b>EU established exposure limits:</b>			
dimethyl ether	115-10-6	TWA	1000 ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

<b>Apperance : physical state :</b>	liquified gas
<b>colour :</b>	colourless
<b>odour :</b>	Characteristic odour
<b>Boiling point/range :</b>	not available
<b>Relative density :</b>	not available
<b>pH :</b>	not available
<b>Vapour pressure :</b>	not available
<b>Relative vapour density :</b>	not available
<b>Solubility in water :</b>	Insoluble in water
<b>Flash point :</b>	not available
<b>Auto-ignition :</b>	not available
<b>Viscosity :</b>	not available
<b>Evaporation rate :</b>	not available

## 10. STABILITY AND REACTIVITY

<b>Conditions to be avoided :</b>	Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition No hazardous reactions known if used for its intended purpose
<b>Materials to be avoided :</b>	Strong oxidising agent
<b>Hazardous decomposition compounds :</b>	carbon oxides

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

No experimental data available

## 13. WASTE DISPOSAL

<b>National regulations :</b>	Disposal should be in accordance with local, state or national legislation
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## 14. TRANSPORT

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<b>UN-number :</b>	1950
<b>Road/Rail - ADR/RID :</b>	UN1950 Aerosols Class : 2, PG : NA, Class code : 5A, Label : 2.2
<b>Sea - IMDG :</b>	UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA
<b>EmS</b>	F-D,S-U
<b>Air - IATA/ICAO :</b>	UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG
<b>Packing instr. LQ</b>	Y203
<b>PAX</b>	203
<b>CAO</b>	203

## 15. REGULATORY INFORMATION

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**Safety-phrase(s) :** S2: Keep out of the reach of children.

**Contains :** 10 % by mass of the contents are flammable.

Pressurised 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.

## 16. OTHER INFORMATION

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This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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