



DUST FREE 360

1. General description

A high pressure, inert, liquefied gas that removes dust and loose debris. It prevents electronic component errors, downtime and damage caused by microscopic dust in electronic devices, data processing equipment, servo-mechanisms and similar apparatus. Compared to traditional aerosol based dusters, it has been formulated to minimize its long-term environmental impact by reducing its Global Warming Potential (GWP) value to 7

2. Features

- Low Global Warming Potential (GWP)
- Non-flammable (according to directive 2008/47/EC)
- Blows away dirt, dust, particles and dry contaminants
- 'Pure' gas – will not leave residue like compressed air cleaning
- Essential for all cleaning operations where liquid solvents are inappropriate.
- Helps to eliminate failures occurring when fluids (water, oil mist ...) are trapped in dust or dirt.
- Harmless to plastics, coatings and delicate components
- Non-oxidising.
- NSF registration :K2 (registration number: 139792)

3. Applications

- Printed circuit boards
- Optics, lenses and sensors
- Precision instruments
- Laboratory equipment
- Timers
- Communication equipment
- Data processing equipment
- Servo-mechanisms

4. Directions

- For best results, use the "quick shot" method aiming at the contamination to be removed. After multiple or continuous application, allow some time for the internal pressure to be restored.
- Use extension tube for precision applications and hard-to-reach areas.

For use on energized equipment keep ambient temperature under 28°C.

5. Typical product data (without propellant)

| | |
|---------------------------------------|----------------|
| Appearance : | Colourless gas |
| Specific gravity (liquid, 20°C) : | 1.2 |
| Vapour pressure (20°C) : | 420 kPa |
| Ozone depletion potential: | None |
| Global Warming Potential: | 7 |
| Tests according directive 2008/47/EC: | non flammable* |



Technical Data Sheet

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Flame extension test : Pass < 15 cm
Drum test: Pass > 300 s/m³

6.Packaging

Aerosol : 12x250 ML

*Although classified as nonflammable by GHS, DOT, IATA and IMDG and as measured by ASTM E-681 and ISO 10156, Solstice® Propellant (HFO-1234ze) can exhibit vapor flame limits at elevated temperatures. Solstice® Propellant has a very narrow flammable range (LFL-UFL) of 8.0-8.5 volume percent in air at one atmosphere under the following conditions:

- Temperature is 86°F (30°C), (and)
- Relative Humidity ≥50%, (and)
- High energy ignition source or open flame is present

Accordingly, CRC recommends that for use on energized electrical equipment the ambient temperature should be below 28°C.

More detailed information can be found on the [HFO document](#).

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com.

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