## **DUST FREE 360**

#### **Technical Data Sheet**

DS

Product name: Dust Free 360

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#### 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.

#### **3:** Applications

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

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#### **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.
- Use CRC Contact Cleaner for greasy, oily and sticky contamination.
- For use on energized equipment keep ambient temperature under 28°C.

# A safety data sheet (MSDS) according to EC Regulation N<sup>•</sup> 1907/2006 Art.31 and amendments is available for all CRC products.

#### 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*	
Flame extension test :	Pass	< 15 cm
Drum test:	Pass	$> 300 \text{ s/m}^3$

#### 6: Packaging

Aerosol 12x250 ML

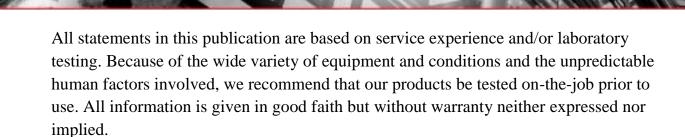
\*Although classified as nonflammable by GHS, DOT, IATA and IMDG and as measured by ASTM E-681 and ISO 10156, Solstice® Propellant (HFO-1234ze) can exhibit vapor flame limits at elevated temperatures. Solstice® Propellant has a very narrow flammable range (LFL-UFL) of 8.0-8.5 volume percent in air at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

- Temperature is 86°F (30°C), (and)
- Relative Humidity  $\geq$  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.

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We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

