Super Cold™ HFO-1234ZE

Description

403C Super Cold™ HFO-1234ZE is a non-flammable cold spray that is used primarily for diagnosing thermally intermittent problems with electronic devices. It is also useful for protecting heat sensitive components during soldering, quickly cooling solder joints, and it can also be used to quickly remove gum and other adhesives from a variety of surfaces.

Features and Benefits

- *Low global warming potential*
- *VOC free*
- *Ozone safe*
- *Non-flammable*
- *Non-conductive*
- *Zero residue*
- *Safe for use on energized circuits*

Note:
Chills down to -50 °C (-60 °F). Temperature may not be as low as reported due to environmental and physical conditions.

Properties

Physical Properties	Value
Color	Colorless
Odor	Slight, ether-like
Boiling point	-19 °C [-2.2 °F]
Density @21 °C [70 °F]	1.17 g/mL
Flash point	None detected
ODP (ozone depleting potential)	0
GWP (100 y global warming potential)	6

Storage

Store between -20 and 50 °C [-4 and 122 °F] in a dry area, away from sunlight.

Health and Safety

Please see the 403C Safety Data Sheet (SDS) for further details on transportation, storage, handling, safety guidelines, and regulatory compliance.

Application Instructions

For best results, follow the procedure below.

1. Firmly hold the head of the trigger nozzle.
2. On top of nozzle, pull the security tab to snap it off.
3. If needed, insert extension tube.
4. Pull the trigger in short bursts.

Packaging and Supporting Products

Cat. No.	Packaging	Net Volume	Net Weight
403C-235G	Aerosol	200 mL [6.76 fl oz]	235 g [8.28 oz]

Technical Support

Please contact us regarding any questions, suggestions for improvements, or problems with this product. Application notes, instructions and FAQs are located at www.mgchemicals.com.

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Disclaimer

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