



Eco-Freezer

1583

Rapidly evaporating liquid that super-chills isolated areas. Used as a troubleshooting aid for intermittently faulting capacitors, resistors, semiconductors, and other defective components. It also increases visibility of cold solder joints, cracks in printed circuit boards and oxidized junctions.



Eco-friendly diagnostic freeze spray

Eco-Freezer is formulated with new HFO-1234ze propellant, with a fraction of the global warming potential (GWP) of HFC-134a based freeze sprays. Eco-Freezer is a drop-in replacement – non-flammable, odorless, has low toxicity, and similar temperature.

HFO-1234ze has a GWP of 6, compared to HFC-134a with GWP of 1300, and HFC-152a at 140. GWP is measured in relation to CO₂, with CO₂ GWP set at 1. Because HFO-1234ze is lighter than HFC-134a, there is more volume and blasts per can.

- **Global Warming Potential (GWP) less than 1/100th of HFC-134a**
- **8% more volume (sprays) per can vs. HFC-134a**
- **Non-flammable**
- **Non-ozone depleting**
- **Zero residue & no odor**

Product Packaging

1583-10S

Techspray Renew Eco-Freezer

10 oz

12 units/case



Techspray
P.O. Box 949, Amarillo, TX 79105
800-858-4043 • www.techspray.com



Instructions

Always be sure that sprayhead is aimed at surface to be chilled. Allow components to heat up to normal operating temperature or until intermittent fault occurs. Spray suspected component until chilled. Product will freeze small areas. Due to the colder temperature and the more aggressive nature of the product, it is possible that prolonged spraying may cause blistering of some conformal coatings or deterioration of some plastics. Always test on a inconspicuous area before using. Can crack ceramics and other temperature sensitive components.

Technical Information

Chemical Composition

CHEMICAL NAME	CAS #
trans-1,3,3,3-tetrafluoroprop-1-ene (HFO-1234ze)	29118-24-9

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

North America

Techspray
P.O. Box 949
Amarillo, TX 79105
800-858-4043
Email: tsales@techspray.com

Europe

ITW Contamination Control
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
+31 88 1307 400
Email: info@itw-cc.com

Countries Outside US

Call to locate a distributor in your country.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

© 2013 Techspray, A Division of ITW



Techspray
P.O. Box 949, Amarillo, TX 79105
800-858-4043 • www.techspray.com