

# Micro•Freeze™ & Micro•Blast™

Anti-Stat Micro•Freeze™ — Micro•Blast™ Canned Air  
 Big•Blast™ Canned Air — Mini•Blast™ Canned Air



### Product Details

Chemical Family	Hydrofluorocarbon
Aroma	Slight, ethereal
Boiling Point	-26° C / -16° F
Evaporation Rate	Instant
Vapor Pressure @ 20°C	96 PSIA

Micro•Freeze will deliver circuit chilling to as low as -40°C/-40°F under all conditions and as low as -60°C/-76°F under optimal conditions with a skilled operator.

### Health, Safety & Environmental Data

Toxicity Rating (ppm, 8-hr. TWA, TLV)	1000
Flashpoint (TCC)	None
Safety Rating	Nonflammable
NFPA	Health: 1; Fire: 0; Reactivity: 1
Primary Ingredient	HFC-134a
Ozone Impact	Zero
Organic Content (g/L)	MCC-FRZA 12 All others 0
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

### Packaging

Micro•Freeze™ Freeze Spray	284 g	MCC-FRZ*
Micro•Freeze™ Anti-Stat	284 g	MCC-FRZA*
Mini•Blast™ Tool-kit Size	85 g	MCC-DSTS*
Micro•Blast™, High-Flo Valve	284 g	MCC-DST
Micro•Blast™, StatZap™ Valve	284 g	MCC-DSTZ*
Big•Blast™, High-Flo Valve	392 g	MCC-AIR
Big•Blast™, StatZap™ Valve, European Label	392 g	MCC-DAIRZ*

Packaged in cases of twelve (12) cans per box. Shelf life is unlimited.

### Related Products

MicroCare strongly recommends the StatZAP™ dispenser, #MCC-ZAP, with these products because it minimizes the risk of ESD damage. Products tagged with an asterisk are StatZAP™ compatible.

### Product Notes

AVAILABILITY. This product is available from MicroCare distributors world-wide. Contact your local distributor at [www.MicroCare.com](http://www.MicroCare.com) for details.

TRADEMARKS. "MicroCare" and the MicroCare logo are registered trademarks of MicroCare Corp. "Mini•Blast", "Big•Blast", "Micro•Blast", "Micro•Freeze" and "StatZAP" are all trademarks of MicroCare Corp.

DISCLAIMER. The information set forth herein is based on data believed to be reliable, but MicroCare makes no warranties express or implied as to its accuracy and assumes no liability arising out of its use by others.

### General Information

These products are ozone-safe drop-in replacements for old-style freeze sprays and "canned air." The freeze sprays offer instant chilling and the canned air products deliver vigorous pressure. These are excellent choices for testing and repairing electronics; all are completely ozone-safe.

### Freeze Sprays

Both Micro•Freeze products deliver instant chilling without CFCs, HCFCs, compressed air or venturi systems. Both exceed the mil specs of -40°C/-40°F and may chill to as low as -60°C/-76°F under optimal conditions. Neither choice will leave residues, attack plastics or generate component-shattering thermal shock. The Anti-Stat Micro•Freeze is identical to Micro•Freeze, but includes a static-dissipative additive that evaporates in about sixty seconds.

### Canned Air

The "canned air" products deliver about 100 psi/7 bar of pressure directly on to the component. Big•Blast uses an economical, jumbo-size container of 392 grams. Both are equipped with the latest in high-pressure valves which allow the inert propellant to generate enormous "pushing power", but StatZAP™ valves are available for better ESD control.

### Health & Safety

All of these products are ozone-safe, inert chemically and very safe for people. Noncorrosive and plastic-safe, they can be used on all electronic assemblies. Unlike less expensive products, none of these are flammable.



## MicroCare Corporation

595 John Downey Drive, New Britain, CT 06051 USA  
 Tel: 860.827.0626 Fax: 860.827.8105  
 In North America, Dial: 800.638.0125  
 Email: TechSupport@MicroCare.com  
 On the Web: [www.MicroCare.com](http://www.MicroCare.com)

MicroCare is  
 ISO 9001:2000  
 Registered

# MicroCare

