

Micro•Freeze™ & Micro•Blast™

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

Big•Blast™ Canned Air — Mini•Blast™ Canned Air



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.



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

SNAP Approved

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 for details.

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