

# Micro•Freeze™ Anti-Stat Micro•Freeze™ Micro•Blast™ Big•Blast™

These four products are ozone-safe “drop-in” replacements for old-style freeze sprays and “canned air.”



- ESD Safe
- Instant Chilling
- Ultra-Pure
- Moisture Free
- Stat-Zap Compatible

Micro•Freeze™ is used for troubleshooting intermittent faults in circuit board repair.

### General Information

The two Micro•Freeze™ products are ozone-safe bench top circuit chillers used in circuit test and repair. Both Micro•Freeze blends 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. Neither choice will leave residues, attack soft plastics or generate the component-shattering thermal shock that can occur with HCFC-based chillers. The Anti-Stat Micro•Freeze is identical to standard Micro•Freeze, but includes a static-dissipative ingredient for use in ESD-sensitive environments. This additive evaporates in about sixty seconds.

### About the Product

All of these products are based on ozone-safe HFC-134a. Non-corrosive and plastic-safe, they can be used on or near the components, cables and connectors found on all standard electronic assemblies. Unlike less expensive products, none of these products are flammable. The dispensers are highly pressurized. Each canister is equipped with an ergonomic trigger-style valve (see photo) for precise control of the spray.

### Technical Details

Chemical Family	Halogenated Hydrocarbon
Appearance	Liquefied Gas
Aroma	Slight, Ethereal
Boiling Point	-26.5° C / -15.7° F

### Solvency & Cleaning Data

Specific Gravity (@ 25°C)	1.208
Percent Volatile	1

### Health, Safety & Environmental Data

TLV	1000
Flashpoint (TCC)	None
Safety Rating	Nonflammable
NFPA	Health: 1 Fire: 0 Reactivity: 1
Ozone Impact	Zero
Aerosol Propellant	HFC-134a
Organic Content	0 g/l
TSCA Listed	Yes

### Packaging

Aerosol	10oz/280 g	MCC-FRZ
Aerosol	10oz/280g	MCC-FRZA
Aerosol	10oz/280g	MCC-DST
Aerosol	10oz/280g	MCC-DSTZ
Aerosol	14oz/392g	MCC-AIR
Aerosol	14oz/392g	MCC-AIRZ

### Product Notes

NOTES: These products are not designed for use with the TriggerGrip™ dispensing system. Products with a “Z” suffix in the part number are optimized for use with the StatZap™ ESD Control tool.

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