

# SuprClean™

## Unleash Raw Cleaning Power to Lower Your Costs



Nonflammable, low-*aroma* SuprClean™ is one of the strongest defluxers on the market today. That makes it ideally suited for use when reworking those hard-to-clean lead-free fluxes.

- Huge Cleaning Power
- Low Aroma
- No Residues
- Nonflammable in Any Package or Application
- Strong Enough for Lead-Free Fluxes & Pastes
- Versatile — Can be Both a Degreaser and a Defluxer
- Instant Drying
- DuPont Engineered
- Patented

### General Information

SuprClean™ is a powerful, heavy-duty circuit cleaner and defluxer. This patented formulation offers superior results against the toughest contamination, while setting new standards for safety, environmental stewardship and cost-effectiveness.

### About the Product

Engineered to be the electronics industry's most robust precision cleaner, SuprClean™ delivers as much cleaning horsepower as older solvents like perc and 1,1,1-TCA.

Noncorrosive SuprClean is nonflammable in all applications. It dries instantly and has almost no *aroma* so technicians like it for the toughest jobs, such as SMT defluxing, degreasing and removing conformal coatings. It is an ideal choice for reworking today's tough, high temperature lead-free solder pastes.

Based on the Vertrel® solvents from DuPont, SuprClean is often used on through hole and SMT boards, hybrids and connectors, and as a heavy-duty degreaser. Its gets under tight-fitting BGA chips, dissolving flux residues and flushing them away. SuprClean also removes most acrylic and some urethane conformal coatings.

SuprClean is safe on most components it will attack soft plastics and is incompatible with many "no-clean" fluxes. Test before deployment.

SuprClean is safer than many other choices because it remains completely nonflammable in any packaging. (Some aerosols must be reformulated to remain nonflammable when sold in unpressurized packaging, such as gallons and pails.) SuprClean is totally ozone-safe and has a low Global Warming Factor.

### Technical Details

Chemical Family	Hydrofluorocarbon (HFC) blend
Appearance	Clear, Colorless Liquid
Aroma	Ethereal
Boiling Point	41°C / 106°F

### Solvency & Cleaning Data

Specific Gravity (@ 25°C)	1.34
Percent Volatile	1
Evaporation (Ether = 1)	>1
Vapor Density (Air = 1)	>1

### Health, Safety & Environmental Data

Solubility (g/100g H2O)	0.4
Flashpoint (TCC)	None
Safety Rating	Nonflammable
NFPA	Health: 1 Fire: 1 Reactivity: 1
Vapor Density (Air = 1)	>1
Ozone Impact	Zero
Aerosol Propellant	HFC-134a
Organic Content	454 g/l
TSCA Listed	Yes
Carb Compliant	Yes

### Packaging

Aerosol	12 oz. / 340 g	MCC-SPR
Minipail	10 lbs. / 4.53 kg	MCC-SPRG
Pail	50 lbs. / 22.7 k	MCC-SPRP
Drum	500 lbs. / 226.8 k	MCC-SPRD

Unlimited shelf-life

### Product Notes

This product has been tested on a wide variety of substrates. No major incompatibilities were observed. Test before prolonged use on urethanes, natural rubber, silicones, acrylics and polystyrene. \* Includes only non-exempt VOC ingredients.

This product is packaged with safety labels in English, French, German, Spanish, Italian, Dutch, Swedish, Finnish, Polish, Hungarian and Canadian languages/formats. Contact your local distributor for details on packaging and availability.

RELATED PRODUCTS: For the most cost-effective cleaning, use

SuprClean with a Trigger Grip™ dispenser (photo, above). TRADEMARKS: "MicroCare" and the Micro Care logo are registered trademarks of MicroCare Corp. The terms "SuprClean" and "Trigger Grip" are trademarks of Micro Care. The Trigger Grip system is protected under various U.S. patents. SuprClean™ is protected in the U.S. by patent #6,852,684 and others.



SuprClean™ is certified as a lead-free product and meets Rosh and WEEE standards

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