

VeriClean™

Fast, Reliable Cleaning With the Industry's Most Universal Solvent



VeriClean™ is a medium-strength circuit cleaner with exceptional safety characteristics

- **Speedy, Easy Defluxing and Circuit Cleaning**
- **Fast-Drying, Low Aroma**
- **Easily Removes Silicone Coatings & Glues**
- **Ozone-Safe, Low VOC and Low GWP**
- **Exceptional Safety Ratings**

General Information

VeriClean™ is a moderately aggressive defluxer that removes a wide variety of contaminants quickly and safely. With excellent environmental properties and a very affordable price, VeriClean is a popular choice world-wide.

About the Product

VeriClean is the industry's only circuit cleaner based on ultra-pure siloxanes. This makes it a highly effective defluxer, degreaser and general purpose cleaner. Versatile, residue-free VeriClean is used on fluxes, pastes, organic residues, ionics, silicone-based conformal coatings, adhesives, grease and oils. It is ideal for cleaning thru-hole, BGA and SMT designs, and rinsing residues from connectors.

In side-by-side tests, VeriClean removed Alpha 5003 rosin flux in 1/3rd the time of other solvents. It also dissolves silicone conformal coatings, silicone adhesives and temporarily swells silicone tubing.

VeriClean is safe on all components. It is considered a "universal" cleaner that will not harm any substrate, material, connector or chip (except silicones), so it is popular in repair depots where the widest variety of materials are found. VeriClean dries briskly, leaves no residues and is non-corrosive.

Based on chemistries widely used in cosmetics, VeriClean is uniquely safe for workers. It degrades quickly in the atmosphere so it does not contribute to low-altitude smog and is rated as "VOC exempt" in most areas (check local regulations for details). It is completely ozone-safe and has a very low global warming factor. VeriClean is a great choice for circuit boards and the planet.



Technical Details

Chemical Family	Methyl Siloxanes
Appearance	Crystal Clear Liquid
Aroma	Slight, ethereal
Boiling Point	98°C / 210°F

Solvency & Cleaning Data

Cleaning Strength (K _b Value)	17
Specific Gravity (@ 25°C)	0.77
Percent Volatile	100%
Surface Tension (dynes/cm)	16.3
Viscosity (cps)	0.49
Evaporation Rate (Ether = 1)	>1
Dielectric Constant	14.55

Health, Safety & Environmental Data

Exposure Limits (ppm, 8-Hr. TWA, AEL)	200
Flashpoint (TCC)	-4°C / 24°F
Safety Rating	Flammable
NFPA	Health: 1; Fire: 3; Reactivity: 0
Ozone Impact	Zero
Non-Exempt Organic Content (g/L)	87
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

Packaging

Aerosol	10 oz./284 g	MCC-DC1
Aerosol with Brush	10 oz./284 g	MCC-DC1106
Minipail	6 lbs./2.72 k	MCC-DC1G
Pail	32 lbs./14.5 k	MCC-DC1P
Drum	330 lbs./149.7 k	MCC-DC1D

The aerosols are packaged twelve (12) cans per box. Unlimited shelf life.

Related Products

MicroCare strongly recommends the Trigger Grip™ dispenser, #MCC-ESD, with our aerosol cleaners because it speeds cleaning and reduces solvent waste. For longer tack time, **ProClean™** is an alcohol-based choice. For more powerful or faster cleaning, **PowerClean™ II** is the best choice.

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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