



Technical Data Sheet

BIOACT™ SC-10 Solvent Cleaner & Defluxer

Product Description

BIOACT SC-10 Solvent Cleaner & Defluxer is a high performance electronics cleaner designed for hand wipe and immersion applications. It is based on a mixture of citrus terpenes, highly refined polar and non-polar solvents. BIOACT SC-10 is selected when a fast drying solvent with excellent solvency, good soil loading and low surface residue is required. BIOACT SC-10 effectively removes flux residues, uncured Surface Mount Device (SMD) adhesives as well as acrylic conformal coatings and tape residues. It is a replacement for isopropyl alcohol (IPA) and hydrocarbons.

Features and Benefits

- Excellent Solvency
- Removes Raw Solder Pastes
- Removes Flux Residues
- Replaces Isopropyl Alcohol
- Removes Ionics
- Fast Dry Time
- Replaces Toxic Substances

Properties

| | |
|--------------------------|----------------|
| Odor | Mild |
| Flash Point | 105 °F (41 °C) |
| Specific Gravity (25 °C) | 0.80 |
| Viscosity (25 °C) | 1.6 cps |
| Vapor Pressure (20 °C) | 1.5 mm Hg |
| Kauri-Butanol (KB) Value | >150 |
| Dielectric Strength | 40.1 kV |

Soils Removed

- Raw Solder Pastes
- Uncured Encapsulants
- Flux Residues
- Acrylic Conformal Coatings
- Tape Residues
- Uncured SMD Adhesives
- Lubricants, Oils, Greases
- Ionic Contamination
- Marking Inks
- Fingerprints

Equipment

Designed for use in non-aqueous equipment such as IPA batch cleaners or immersion tanks.

Process

Manual Cleaning

Apply at full concentration to the desired substrate by brush, pad or cloth.

Immersion Cleaning

Add at full concentration to the wash tank reservoir.

Environmental/Regulatory

Ozone Depletion Potential (ODP)

Vantage Specialties, Inc.

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|---|---------------|
| Global Warming Potential (GWP) | Low |
| Volatile Organic Compound (VOC) | 800 g/L |
| Hazardous Air Pollutant (HAP) | No |
| Superfund Amendments and Reauthorization Act (SARA) | Not Regulated |
| Hazardous Air Pollutants (NESHAPs) | Not Regulated |
| Resource Conservation and Recovery Act (RCRA) | Not Regulated |
| Zero | |

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Packaging

Available in 33 lb (15 kg) pails and 365 lb (166 kg) drums.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C).



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