

## Technical Data Sheet

## BIOACT™ SC-10

### Product Description

**BIOACT SC-10 Cleaner** 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. Ultrasonics or heat is not recommended.

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### Environmental/Regulatory

|   |               |
|---|---------------|
| Ozone Depletion Potential (ODP)                     | Zero          |
| 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 |

### 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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