

## Technical Data Sheet

BIOACT® EC-7M™

### Product Description

**BIOACT EC-7M Defluxer** is a USDA Certified Biobased high performance electronics cleaner designed for hand wipe and immersion defluxing applications. This proprietary cleaner is based on a mixture of ultra-purity citrus terpenes. It is selected when excellent solvency, low surface residue and good compatibility is required. BIOACT EC-7M effectively removes a broad range of flux residues. It also removes adhesives, pastes, inks, oils, greases as well as silicone conformal coatings. It is a replacement for isopropyl alcohol (IPA) and other low flash point, flammable solvents.

### Features and Benefits

- USDA 100% Certified Biobased Cleaner
- Replaces Isopropyl Alcohol
- Removes Flux Residues
- Good Solvency
- Low Surface Residues
- Moderate Dry Times

### Properties

Odor	Citrus
Flash Point	117 °F (48 °C)
Viscosity	0.8 cps
Specific Gravity (25 °C)	0.84
Vapor Pressure (20 °C)	1.6 mmHg
Evaporation Rate (n-BuAc=1)	<1.0
Surface Tension (25 °C)	26.0 dynes/cm
Kauri-Butanol (KB) Value	95

### Equipment

Suitable for use in commercially available cleaning equipment including immersion tanks and airless vacuum hydrocarbon systems.

### Process

#### Manual Cleaning

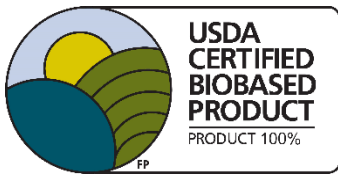
Apply at full concentration to the desired substrate by brush, pad or cloth.

#### Immersion Cleaning

Add at full concentration to the wash tank reservoir. The use of heat is not recommended.

#### Vacuum Equipment

Add at full concentration to the wash chamber.



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### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	840 g/L
Hazardous Air Pollutant (HAP)	No
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
National Emission Standards for 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 35 lb (16kg) pails and 385 lb (175 kg) drums.

### Shelf Life

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



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