



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.





Technical Data Sheet

BIOACT® EC-7M™

Environmental/Regulatory

Ozone Depletion Potential (ODP)

Global Warming Potential (GWP)

Volatile Organic Compound (VOC)

Hazardous Air Pollutant (HAP)

Zero

840 g/L

No

Superfund Amendments and Reauthorization Act (SARA)

Not regulated
National Emission Standards for Hazardous Air Pollutants (NESHAPs)

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).



ISO 9001:2008



HS LEAD FREE





BIOACT is a registered trademark of Vantage Specialties, Inc. EC-7M is a trademark of Vantage Specialties, Inc.

Typical property data is not intended for specification purposes. Vantage Specialties, Inc., its sales agents and distributors make no warranty of merchantability of the product or of product fitness for any particular purpose. This product and all information supplied are used at the purchaser's own risk. The purchaser assumes all risk of use or handling of the product, whether in accordance with directions or not.