



Technical Data Sheet

BIOACT™ EC-15

High Flash Point Immersion Cleaner & Defluxer

Product Description

BIOACT EC-15 High Flash Point Immersion Cleaner & Defluxer is a semi-aqueous spray and immersion cleaner designed for ambient or heated defluxing applications. This proprietary cleaner is a mixture of esters, modified alcohols and surfactants. BIOACT EC-15 is a water rinseable cleaner, selected for its excellent solvency, high soil loading, temperature flexibility and process versatility. BIOACT EC-15 effectively removes all types of flux residues as well as ionic contamination. BIOACT EC-15 offers excellent compatibility with most substrates and materials used in electronic assembly cleaning applications. It is not recommended for use with RTV silicones, polystyrenes or polycarbonates.

Features and Benefits

- Removes Flux Residues
- Removes Ionics
- Used at Elevated Temperatures
- Water Rinsing
- Excellent Solvency
- High Soil Loading

Properties

Odor	Mild
Flash Point (100%)	310 °F (154 °C)
Viscosity	9.0 cps
Refractive Index (25°C)	1.439 - 1.451
Specific Gravity (25°C)	0.905 - 0.915
Vapor Pressure (20 °C)	<1.0 mmHg

Soils Removed

- Lead free Flux Residues
- Fingerprint Oils
- No Clean Flux Residues
- Uncured SMD Adhesives
- RMA Flux Residues
- Ionic Contamination
- Water Soluble Flux Residues
- HMP Flux Residues

Equipment

Suitable for use in a variety of commercially available cleaning equipment including immersion, ultrasonics, spray-in-air and spray-under-immersion systems.

Use Instructions

Wash Bath Concentration	100% concentration
Wash Bath Temperature	140-180 °F (60-82°C)
DI Water Rinse Temperature	140-180 °F (60-82°C)

Vantage Specialties, Inc.

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Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	283 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 36 lb (16 kg) pails and 415 lb (188 kg) drums.

Shelf Life

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



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