

Technical Data Sheet

BIOACT® EC-7R™

Product Description

BIOACT EC-7R Defluxer is a USDA Certified Biobased high performance electronics cleaner designed for semi-aqueous spray and immersion defluxing applications. This high performance cleaner is a patented mixture based on citrus terpenes. BIOACT EC-7R is a water rinsable cleaner that readily separates from water in the rinse section, providing solvent recovery and recycling. It effectively removes flux residues and ionic contamination.

Features and Benefits

- USDA Certified Biobased Technology
- Removes HMP Flux Residues
- Removes Ionics
- Used at Ambient Temperatures
- Easy Water Rinsing
- Separates for Recycling
- High Soil Loading
- Excellent Solvency

Properties

Odor	Mild Citrus
Flash Point (100%)	117 °F (47 °C)
Viscosity	0.8 cps
Specific Gravity (25 °C)	0.84
Vapor Pressure (20 °C)	<2.0 mmHg
Kauri-Butanol (KB) Value	95

Soils Removed

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

Equipment

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

Process

Manual Cleaning

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

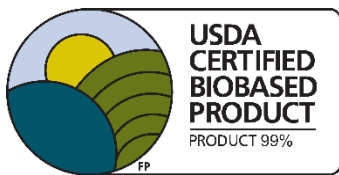
Immersion Cleaning

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

A Vantage Specialty Chemicals Business

3938 Porett Drive • Gurnee, Illinois 60031 USA • P +1 847 244 3410 • F +1 847 249 6346

<http://www.petroferm.com/>



Technical Data Sheet

BIOACT® EC-7R™

Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	838 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

Petroferm 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 390 lb (177 kg) drums.

Shelf Life

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



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

A Vantage Specialty Chemicals Business

3938 Porett Drive • Gurnee, Illinois 60031 USA • **P** +1 847 244 3410 • **F** +1 847 249 6346

<http://www.petroferm.com/>