

## Technical Data Sheet

## BIOACT® EC-98

### Product Description

**BIOACT EC-98 Ultrasonic Defluxer** is a cleaner designed for use in aqueous ultrasonic cleaning equipment. It is a mixture of water dilutable solvents, specialty saponifiers and corrosion inhibitors. It effectively removes solder flux residues and ionic contamination.

### Features and Benefits

- Cleans Wide Range of Residues
- Flexibility in Manufacturing
- High Flux Loading Capacity
- Long Wash Bath Life
- No Additives Needed

### Properties

Odor	Mild
Flash Point	None to Boiling
Specific Gravity (25°C)	1.004
pH (15% conc.)	10.1
Viscosity (25°C)	12 cps

### Soils Removed

- Lead free Flux Residues
- Fingerprint Oils
- No Clean Flux Residues
- White Residues
- RMA Flux Residues
- Ionic Contamination
- Water Soluble Flux Residues
- HMP Flux Residues

### Equipment

Specifically designed for use in aqueous ultrasonic cleaning systems.

### Process

Wash Bath Concentration	5-25% conc. (diluted in water)
Wash Bath Temperature	100-170 °F (40-80°C)
Wash Time	10-30 minutes
Rinse Water Temperature	120-160°F (50-70 °C)

### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	350 g/L
Hazardous Air Pollutant (HAP)	No
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Nonylphenol Ethoxylates (NPEs)	None
Alkylphenol Ethoxylates (APEs)	None

## Technical Data Sheet

BIOACT® EC-98

### 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 42 lb (19 kg) pails and 460 lb (209 kg) drums.

### Shelf Life

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



BIOACT is a registered 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.

Vantage Specialties, Inc.

3938 Porett Drive • Gurnee, Illinois 60031 USA • P +1 847 244 3410 • F +1 847 249 6346 • [www.vantagegrp.com](http://www.vantagegrp.com)