

## 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

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### 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.



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