



Technical Data Sheet

BIOACT™ EC-88 Aqueous Inline Defluxer

Product Description

BIOACT EC-88 Aqueous Inline Defluxer is a proprietary, inherently non-foaming, cleaning formulation designed for aqueous inline spray-in-air cleaning equipment. It is selected when removing flux residues from a wide range of soldering materials as well as ionic contamination.

Features and Benefits

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

Properties

| | |
|--------------------------|-----------------|
| Odor | Mild |
| Flash Point | None to Boiling |
| Specific Gravity (25 °C) | 0.955 |
| pH (15% conc.) | 10.3 |
| Viscosity (25 °C) | 12 cps |
| COD | 213 ppm @0.01% |

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 inline spray-in-air systems.

Process

| | |
|----------------------------|---------------------------------|
| Wash Bath Concentration | 10-25% conc. (diluted in water) |
| Wash Bath Temperature | 120-160 °F (50-70 °C) |
| Di Water Rinse Temperature | 120-160 °F (50-70 °C) |

Environmental/Regulatory

| | |
|---|---------------|
| Ozone Depletion Potential (ODP) | Zero |
| Global Warming Potential (GWP) | Low |
| Volatile Organic Compound (VOC) | 780 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 40 lb (18 kg) pails and 440 lb (200 kg) drums.

Shelf Life

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



ISO 9001:2008



RoHS
Compliant



LEAD FREE



HALOGEN
FREE



REACH✓

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