



Technical Data Sheet

BIOACT™ EC-3G Aqueous Spray Defluxer

Product Description

BIOACT EC-3G Aqueous Spray Defluxer is a proprietary, inherently low-foaming, cleaning formulation composed of water dilutable solvents, specialty saponifiers and corrosion inhibitors. It is specifically designed to remove No-Clean, Water-Soluble and RMA flux residues in automated inline and batch spray defluxing systems.

Features and Benefits

- Cleans a Wide Range of Flux Residues
- Enhanced corrosion inhibitor package for extended dwell times
- Does not dull or damage solder joints, components, or solder mask
- High Flux Loading Capacity
- Low-Foaming
- Long Wash Bath Life
- No Additives Needed

Properties

Odor	Mild
Flash Point	None to Boiling
Specific Gravity (25 °C)	0.95
Viscosity (25 °C)	14 cps
pH (15% conc.)	10.2

Soils Removed

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

Process

Wash Bath Concentration	5-25% conc. (diluted in water)
Wash Bath Temperature	140-160 °F (60-70 °C)
DI Water Rinse Temperature	120-160 °F (50-70 °C)



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Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC) (10% Conc)	90 g/L
Hazardous Air Pollutant (HAP)	No
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Nonylphenol Ethoxylates (NPEs)	None
Alkylphenol Ethoxylates (APEs)	None

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 39 lb (18 kg) pails and 432 lb (196 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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