

## Technical Data Sheet

## BIOACT® 108

### Product Description

**BIOACT 108 Precision Cleaner** is a highly refined, USDA Certified Biobased solvent formulated to meet the performance, compatibility and environmental requirements of the aerospace industry. It is selected when a powerful cleaner is required with fast dry times and low surface residues. BIOACT 108 is a direct replacement for acetone, isopropyl alcohol (IPA), methyl ethyl ketone (MEK), toluene and other low flash point, high vapor pressure and toxic solvents. It is compatible with many polymeric substrates, elastomers and is safe for use with ferrous and non-ferrous alloys.

### Features and Benefits

- Fast Dry Times
- Replaces Acetone, IPA, MEK, MPK
- Powerful Cleaning Ability
- USDA Certified Biobased
- Low Surface Residue

### Properties

Odor	Mild Citrus
Flash Point	120 °F (49 °C)
Boiling Point (760 mmHg)	304-372 °F (151-189 °C)
Specific Gravity (25 °C)	0.86

### Soils Removed

- Adhesives
- Inks
- Asphalts
- Mold Release Compounds
- Buffing Compounds
- Paint Overspray
- Corrosion Inhibiting Compounds
- Particulate Matter
- Coolants
- Polishing Compounds
- Fingerprints
- Sealants
- Greases
- Silicones
- Tars
- Hydraulic Fluids
- Waxes

### Equipment

Suitable for use in a variety of commercially available cleaning equipment including immersion tanks.

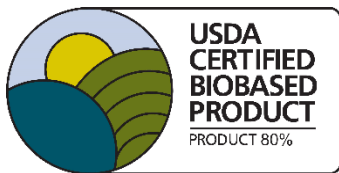
### Process

#### 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. Ultrasonic agitation may be used with proper safety controls.



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### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Hazardous Air Pollutant (HAP)	No
Volatile Organic Compound (VOC)	860 g/L
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

Vantage recommends contacting your current or local environmental service company for proper disposal.

#### Safety

Please see Safety Data Sheet for further information.

### Approvals/Testing

#### Approvals

**Airbus** A330 Maintenance Manual Item 11-016 Cleaning Solvent (ref. BAC 5750)

**Boeing** BAC 5750 (PSD 6-100), BMS11-14A

#### Testing

ASTM F-502, F-519, F945, F1110

### Packaging

Available in 36 lb (16 kg) pails and 395 lb (180 kg) drums.

### Shelf Life

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



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