

## Technical Data Sheet

## BIOACT® 145

### Product Description

**BIOACT 145 Precision Cleaner** is a high performance precision cleaner is designed for robust solvency, extraction and reclamation ideally suited for use in vacuum cleaning equipment. It removes a wide range of soils including greases, minerals oils, polishing compounds and water-based emulsions. In addition to general purpose cleaning and degreasing, BIOACT 145 is well suited for surface preparation prior to bonding, painting, plating, or welding. It can be used for cleaning prior to inspection (NDT). BIOACT 145 is compatible with many polymeric substrates, elastomers and is safe for use with ferrous and non-ferrous alloys.

### Features and Benefits

- Removes a Wide Range of Soils
- Very Effective on Water Soluble Soils
- Easily Distilled, Recyclable
- Excellent Materials Compatibility
- Does Not Require Special Containers or Handling

### Properties

Odor	Mild
Flash Point	143 °F (62 °C)
Distillation Range	350-450 °F (171-238 °C)
Specific Gravity (25 °C)	0.83 ±0.01
Vapor Pressure	0.4 mmHg
Viscosity (25 °C)	2.4 cps
Kauri-Butanol (KB) Value	133

### Soils Removed

- Adhesives
- Inks
- Asphalts
- Mold Release Compounds
- Buffing Compounds
- Paint Overspray
- Corrosion Inhibiting Compounds
- Coolants
- Polishing Compounds
- Fingerprints
- Greases
- Tars
- Metal working Fluids
- Waxes

### Equipment

Suitable for use in sealed vacuum parts cleaning equipment designed for extraction and reclamation.

### 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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### Approvals and Testing

#### Approvals

**Boeing** D6-17487 Rev. L Exterior & General Cleaners & Liquid Waxes

**Douglas Aircraft Company** CSD #1 General Purpose Cleaner

**GulfStream Aerospace** Standard GAS115H for Solvent Cleaner/Degreaser, Mixed Hydrocarbons,  
Part# GAS115H1

#### Testing

ASTM F945, F1110, F502, F519, F485, F483

### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Hazardous Air Pollutant (HAP)	No
Volatile Organic Compound (VOC)	829 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.

### Packaging

Available in 34 lb (16 kg) pails and 380 lb (173 kg) drums.

### Shelf Life

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

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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)