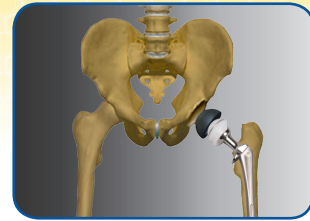




Bio-Solv Dewaxer

Bio-Based Solvent



Bio-Solv Dewaxer is a bio-based solvent designed specifically to remove a wide variety of high temperature soils that are typically removed by high boiling point chlorinated solvents such as Perc or TCE. Bio-Solv Dewaxer can also be used as a drop in replacement for soy based, hydrocarbon based and any other dewax product a customer may use. This product will remove the typical waxes found in all types of manufacturing, aerospace, medical, precision, plating.

Benefits

- Longer Detergent Tank Life
- Reduced Cleaning Rework & Rejects
- Safer Products for Workers & the Environment
- High Performance Soil Removal
- Broad Material Compatibility
- Cleaning processes supported by factory trained Sales Professionals

Approvals & Conformance

- ASTM F 519 Type 1c Hydrogen Embrittlement
- ASTM F211 IGA/EGP
- ASTM F1110 Sandwich Corrosion
- ASTM F 945 Titanium Stress Corrosion
- ARP 1755 Stock Loss Category 12
- PWA 36604 Hot Corrosion
- GE Heat Corrosion

Meets Criteria For:

- South Coast Air Quality Management District
- USDA Biopreferred Program



Bio-Solv Dewaxer

Performance Properties

Substrates

Bio-Solv Dewaxer is non-corrosive and non-staining to a wide variety of substrates. Some selected categories of materials compatible with Bio-Solv Dewaxer include*:

Ferrous Metals: Carbon Steel • Stainless Steel • Steel

Non-Ferrous Metals & Alloys: Aluminum • Brass • Copper (Alloys & Plating)
• Magnesium & Magnesium Alloys • Nickel, Nickel Alloys & Plating
• Titanium & Titanium Alloys

Other: Glass

Soils

Bio-Solv Dewaxer removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with Bio-Solv Dewaxer include*:

**Machining Waxes • Pitch Waxes • Plating Waxes • Masking Waxes
• Blocking Waxes**

Plastic compatibility should always be tested prior to using. Recommended elastomers and gaskets, Teflon™, Nylon 6/6, Viton, HDPP, HDPE.

**Material compatibility should always be confirmed via testing with specific contaminants under specific cleaning conditions.*

Use Recommendations

Process 1

1. Hot Wax Bath >174°F (79°C)
2. Bio-Solv Dewaxer Bath 190°F+ (88°C)
3. Rinse Water Bath 140-160°F (60-70°C)
4. Brulin Alkaline Wash 140-160°F (60-70°C)
5. Rinse Water Bath Ambient
6. Rinse Water Bath Ambient
7. Rinse Water Bath 140-160°F (60-70°C)

Process 2

1. Oven- wax melt out 190°F+ (88°C)
2. Bio-Solv Dewaxer Bath 190°F+ (88°C)
3. Brulin Alkaline Wash 140-160°F (60-70°C)
4. Rinse Water 140-160°F (60-70°C)
5. Rinse Water 140-160°F (60-70°C)

Process 3

1. Hot Water 190-200°F (88-93°C)
2. Bio-Solv Dewaxer Bath 190°F (88°C)
3. Brulin Alkaline Wash 160°F (70°C)
4. Rinse Water 160°F (70°C)

Process 4

1. Oven- wax melt out 190°F+ (88°C)
2. Bio-Solv Dewaxer Bath 190°F+ (88°C)
3. Vapor Solv Rinse in vapor degreaser

Authorized Representative:

Typical Chemical Characteristics

Physical Form	Liquid
Color	Straw Yellow
Fragrance	Mild Oil
Viscosity	Water-thin
Weight	7.40 lbs./gal. (0.8870 g/ml)
Flash Point (PMCC)	~350°F
Foaming Tendency	Low
Calculated V.O.C	0% (0 g/l)
Dosing	Ready to Use

Shipping: Non-hazardous for shipping by ground, sea, or air in all package sizes.

Storage: Store in well-ventilated areas at temperatures between 40-110°F (4-43°C). The recommended shelf life of this product is 24 months.

Disposal: Dispose of waste and residues in accordance with local authority requirements. Please recycle container.

Prevention: Wear safety glasses with side shields (or goggles). Wash hands thoroughly after handling.

Product Number: 431003

Availability:

- 5 Gal (19L)
- 55 Gal (208L)

BHC offers a full line of Brulin-branded industrial chemicals for industries such as Space & Aerospace, Automotive, Precision Metal, Medical and Optics.



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