

Technical Data Sheet

AXAREL® 6100

Product Description

AXAREL 6100 Precision Cleaner is a non-aqueous cleaning agent that is a blend of aliphatic hydrocarbons formulated to offer an excellent combination of low odor, minimal residues, and broad range of solvency. It may be a suitable replacement for isopropyl alcohol (IPA), acetone, methyl ethyl ketone (MEK) and other low flash point, flammable solvents. AXAREL 6100 is suitable for removing a wide variety of soils in immersion or hand wipe cleaning applications.

Features and Benefits

- Moderate Dry Time
- Replaces IPA, MEK, Acetone
- Excellent Solvency
- Removes Difficult Soils
- Surface Preparations
- Good Soil Loading
- Material Compatibility
- Low Surface Residues

Properties

| | |
|--------------------------|----------------|
| Odor | Mild |
| Flash Point | 142 °F (61 °C) |
| Specific Gravity (25 °C) | 0.82 |
| Viscosity | 1.6 cps |
| Kauri-Butanol (KB) Value | 39.6 |
| Vapor Pressure (20 °C) | <1.0 mmHg |

Soils Removed

- Adhesives
- Inks
- Asphalts
- Mold Release Compounds
- Buffing Compounds
- Paint Overspray
- Corrosion Inhibitors
- 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 and low pressure spray-under-immersion systems.

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. The use of ultrasonics or heat is not recommended

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Environmental/Regulatory

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|--|---------------|
| Ozone Depletion Potential (ODP) | Zero |
| Global Warming Potential (GWP) | Low |
| Volatile Organic Compound (VOC) | 819 g/L |
| Hazardous Air Pollutant (HAP) | No |
| 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 and Testing

Approvals

Bell Helicopter, Bulletin No 1915, Solvents, Blended Organic, Cold Degreasing

Goodrich Actuation Systems 981-100-020 Issue 4 Solvent Degreasing

Rolls-Royce CSS No 255 Type A Non-Halogenated Organic Solvent Cleaner (MLC104)

Pratt & Whitney Hot Corrosion Testing of Standard Gas Turbine Engine Alloys (AMS 4037, 4375, 6359, 5508, 5536, 5544, 5608)

Testing

SAE ARP 1755B, ASTM F945 (20% & 100%)

Packaging

Available in 31 lb (14 kg) pails and 365 lb (166 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