

## Technical Data Sheet

## AXAREL® 4100

### Product Description

**AXAREL 4100 Precision Cleaner** is a highly versatile proprietary cleaner that is a mixture of modified alcohols and refined hydrocarbons. It is formulated with a broad range of solvency that effectively removes greases, mineral oils, coolants, synthetics and other metalworking fluids. AXAREL 4100 is a direct replacement for acetone, isopropyl alcohol (IPA), methyl ethyl ketone (MEK), toluene and other low-flash point, flammable materials. With fast dry times and low surface residues, this cleaning solvent may be used prior to painting, plating and other surface finishes. AXAREL 4100 is designed for use in manual or immersion. It is compatible with many polymeric substrates, elastomers and is safe for use with ferrous and non-ferrous alloys.

### Features and Benefits

- Broad Based Solvency
- Replaces IPA, MEK, Acetone
- Low Surface Residues
- Fast Dry Time
- Aerospace Approved
- Used for Final Cleaning

### Properties

Odor	Mild
Flash Point	116 °F (47 °C)
Specific Gravity (25 °C)	0.76
Vapor Pressure (20 °C)	2.0 mmHg

### Soils Removed

- Mineral Oils
- Water Soluble Oils
- Synthetic Oils
- Coolants
- Rust Inhibitors
- Greases
- Lubricating Oils
- Fingerprint Oils
- Dust
- Removes Polar and Non-Polar Soils

### 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.

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### Health, Safety and Disposal

#### Disposal

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

#### Safety

Please see Safety Data Sheet for further information.

### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	758 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

### Approvals and Testing

#### Approvals

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

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

**Rolls-Royce** OMat 1/257M Solvent Cleaner

#### Testing

SAE ARP 1755B, ASTM F945

NSN# 8010-01-535-0740

### Packaging

Available in 31 lb (14 kg) pails and 350 lb (159 kg) drums.

### Shelf Life

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

### Technical Data Sheet



ISO 9001:2008



**RoHS**  
Compliant



**LEAD FREE**



**REACH** ✓

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