



## Technical Data Sheet

## AXAREL™ PD-680-III Solvent Cleaner

### Product Description

**AXAREL PD-680-III** Solvent Cleaner is a solvent degreaser formulated to meet the requirements P-D-680B specification in accordance with A-A-59601E Type III. AXAREL PD-680-III is a suitable replacement for isopropyl alcohol (IPA), acetone, methyl ethyl ketone (MEK), mineral spirits and other low flash point, flammable solvents. Removes a wide range of soils such as greases, mineral oils, lubricants, coolants, synthetics, and particulate matter.

### Features and Benefits

- Very High Flash Point
- Powerful Solvency
- May be Heated
- Low Toxicity
- Non-Hazardous
- Low Surface Residues

### Properties

Odor	Essentially Odorless
Flash Point	205 °F (96 °C)
Specific Gravity (25 °C)	0.83
Distillation Range	430-563 °F (221-295 °C)
Viscosity (25 °C)	2.2 cps
Vapor Pressure (20 °C)	0.18 mmHg
Kauri-Butanol (KB) Value	39
Non-Volatile Residue	40 ppm

### Soils Removed

- Mineral Oils
- Water Soluble Oils
- Synthetic Oils
- Coolants
- Rust Inhibitors
- Greases
- Lubricating Oils
- Fingerprint Oils
- Particulate Matter
- Waxes

### Equipment

Suitable for use in a variety of commercially available cleaning equipment including immersion/soak tanks, low pressure spray-under-immersion systems and vertically oscillating 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 at temperatures between ambient and 180 °F (82 °C).



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### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Hazardous Air Pollutant (HAP)	No
Volatile Organic Compound (VOC)	830 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 and Testing

Conforms A-A-59601E, Dry Cleaning and Degreasing Solvent, PD-680

NSN# 6850-01-377-1811 (1 pint), 6850-01-377-1808 (1 quart), 6850-01-377-1809 (1 gal), 6850-01-331-3349 (5 gal), 6850-01-331-3350 (55 gal)

### Packaging

Available in 33 lb (15 kg) pails and 365 lb (165 kg) drums.

### Shelf Life

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

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