



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).

Vantage Specialties, Inc.

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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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