



Cyclo-147F Navy Solvent & Cleaner

Exempt from Federal VOC Regulations, HAP-Free, Non-Aqueous.....contains no petroleum distillates



Cyclo-147 Navy Solvent and Cleaner is a VOC Exempt Solvent that is effective in removing grease and oils in a wide range of applications.

Cyclo-147F Navy Solvent and Cleaner is a non-aqueous, VOC Exempt, HAP-Free solvent that contains no petroleum distillates. It is a clear, odorless, isotropic blend of (D5) Decamethylcyclotetrasiloxane (CAS No. 541-02-6 and (D4) Octamethylcyclotetrasiloxane (CAS No. 556-67-2). Cyclo-147 provides medium solvency power and is effective in removing a wide range of industrial oils, greases, fluids and waxes from substrates.

Cyclo-147F is formulated specifically to have a flash point > 140°F. It has a comparable evaporation rate and solvency power to most naphtha solvents, odorless mineral spirits (OMS) as well as some of the isoparaffinic solvents. Unlike solvents such as acetone, these fluids are compatible with virtually all substrates and will not attack plastics, metals and elastomeric materials.

Cyclo 147F Navy Solvent is exempt from Federal VOC Regulations, including California (CARB) and OTC Regulations. It does not contribute to ozone-depletion and global warming, having a lifetime in the atmosphere between 10 to 30-days. As already mentioned above, it is VOC Exempt, HAP-Free and Non-aqueous.

Applications include: Cleaning aircraft components, ground support equipment, and other general applications.

Properties

- Clear, colorless, odorless fluid
- Medium solvency power to remove oils, greases, waxes and fluids from an array of substrates.
- No odor
- Flash point > 140°F
- 100% evaporation at room temperature
- Low surface tension (high spreadability)
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- Soluble in most anhydrous alcohols, waxes, oils (except castor), hydrocarbon oils, esters and silicone fluid.
- Insoluble in water

VOC Status (CARB VOC) Status

- Exempt from Federal VOC Regulations
- California CARB VOC Exempt and OTC Exempt
- HAP-Free
- RoHS Compliant
- Does not contribute to global warming

Caution

Cyclo- 147F has a flash point of 147F, and appreciable vapor pressure at ambient temperature. Do not expose to heated surfaces or ignition sources.

Product Data

Chemical Name	Decamethylcyclotetrasiloxane Octamethylcyclotetrasiloxane
CAS No.	541-02-6, 556-67-2
Appearance	Clear, colorless, odorless fluid
Specific gravity @25°C	Approx 0.954
Viscosity at 25 at 25°C	Aprox 4.0
Flash point-closed cup	147°F / 63.88°C
Freeze point	<0°F / -17°C
Boiling point @ 760mmHg	>356°F / 180°C
Vapor pressure	<1.0mmHg (25°C)
Evaporation rate (buty acetate=1)	<1

CAS Information

Decamethylcyclotetrasiloxane CAS# 541-02-6..... 75 to 90%
Octamethylcyclotetrasiloxane CAS# 556-67-2..... 10 to 25%

For More Information, Contact:

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