



## Product Information

# 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)
- 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

### CAS Information

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

### Product Data

Appearance	Clear, colorless, odorless fluid
Specific gravity @25°C	Approx 0.954
Viscosity at 25 at 25°C	Approx 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

### NSN No's

1-gallon pail.....	NSN 6850-01-576-2676
5-gallon pail.....	NSN 6850-01-576-2765
55-gallon drum.....	NSN 6850-01-576-2736

### Packaging

1-gallon.....	8 lbs
5-gallon pail.....	40 lbs
55-gallon drum.....	425lbs

F.O.B. Phila, PA U.S.A.

### Caution

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

### For More Information, Contact:

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