



Product Information

Cyclo-Sil 6 VOC Exempt Lubricant

Exempt from Federal VOC Regulations including CARB and South Coast



Formulated from 100% silicone source. VOC Exempt & HAP-free.

Cyclo-Sil6 VOC Exempt Silicone Lubricant is a 100% silicone-based lubricant that is exempt from federal VOC regulations including California CARB, South Coast Air Quality and OTC. It is HAP-free and RoHS Compliant. The fluid is clear, colorless and odorless with a viscosity close to water. Cyclo-Sil6 is inert to virtually all substrates including metal, plastics, rubbers and elastomers. Unlike conventional lubricants, it contains no petroleum distillates or solvents.

Cyclo-Sil6 VOC Exempt Lubricant will atomize when applied via a hand sprayer or power sprayer. It is being widely used to replace non VOC compliant silicone aerosol sprays. In comparison to an aerosol, Cyclo-Sil6 is significantly less expensive and does not have the combustion hazard of aerosol products. Unlike an aerosol, there are no restrictions to ship Cyclo-Sil6 via ground, air or ocean.

For lubricating plastic and rubber parts/components, there is no better choice than a silicone-based product. The active ingredient of Cyclo-Sil6 is Polydimethylsiloxane. Unlike conventional petroleum and glycol-based products, silicone fluids are compatible with virtually all plastic and rubber materials including EPDM, Neoprene, Natural Rubber, Teflon, virgin, Butyl, Nitrile, Styrene Butadiene, Buna-N, PVC, LDPE, HDPE.

Although silicones are not recommended for metal-to-metal applications, they are strongly recommended for metal-to-plastic and metal-to-rubber applications.

VOC & Environmental Specifications:

- Exempt from Federal VOC Regulations including California CARB, South Coast Air Quality Board and OTC
- Contains no CFC's or ozone depleting chemicals
- RoHS Compliant
- HAP-Free
- Contains no petroleum distillates or petroleum solvents
- Contains no Acetone

Application

- Excellent light duty lubricant for a wide range of applications
- Safe to use on virtually all surfaces, including plastic, rubber, vinyls, foam and metal.
- Imparts a thin film of silicone that will provide slip, release and lubricity
- No odor and skin-safe...user friendly
- Prevents sticking on chutes, bins, walls and surfaces. Keeps material moving and prevents adhesion of greases and oils.
- Prevents glue from adhering and eliminates sticking when sprayed on rails, belts, stamps and grip fingers of labeling equipment.
- Allows cellophane, pilofilm, saran and vinyl polyethylene to move freely over sprayed surfaces.
- Will not freeze in cold weather....better choice than water-based products

Product Data

Chemical Name	Cyclomethicone, Polydimethylsiloxane
CAS No.	541-02-6, 63148-62-9
Appearance	Colorless liquid
Viscosity at 25°C	Close to water
Surface tension	Approx 18.0
Flash point-closed cup	>77°C / 170.6°F
Freeze point	-40°C
Boiling point @ 760mmHg	210°C
Vapor pressure	1.0mmHg (20°C)
Evaporation rate (buty acetate=1)	<1

Packaging

5-gallon pail.....18kg (min order)
 55-gallon drum.....190kg

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

CAS Information

Polydimethylsiloxane.....CAS No 63148-62-9
 Cyclomethicone.....CAS No 541-02-6

For More Information, Contact:

Clearco Products Co., Inc.
 3430 G. Progress Drive
 Bensalem, PA 19020
 U.S.A.

Tel: 215 639-2640
 Fax: 215 639-2919
 Email: info@clearcoproducts.com
 Web: www.clearcoproducts.com