



## Product Information

# Pure Silicone Fluid 350cSt NSF H1 Food Grade

**NSF H1 Registered Fluid: NSF Registration No. 134111 Meets FDA 21 CFR specs for incidental food contact**



NSF H1 Food Grade Registered  
100% Polydimethylsiloxane  
Fluid

**Pure Silicone Fluids 350cSt (food grade)** is a clear, colorless, and odorless 100% Polydimethylsiloxane fluid (CAS # 63148-62-9) that has a viscosity of 350cSt (centistokes).

**Pure Silicone 350cSt (food grade)** is registered with the NSF (a continuation of the USDA) Nonfood Compound Registration Program as an H1 lubricant that is approved for use in food processing and packaging areas where incidental contact with food may occur. The NSF H1 Registration is based upon meeting regulatory requirements including FDA 21 CFR 178.3570 for appropriate use, ingredient and labeling as a lubricant and anti-rust agent with incidental contact with food.

Pure Silicone Fluid 350cSt is thermally stable, showing excellent stability when exposed to extreme low and high temperatures for long periods of time.

**Other uses include:** Food Grade Damping Fluid, O-Ring lubricant, defoaming agent, food grade lubricant for gaskets, valves and seals



### Specifications

Product code	PSF-350cSt FG
Chemical Name	Polydimethylsiloxane
CAS #	63148-62-9
NSF Registration #	134111
Appearance	Clear Liquid – Odorless & Tasteless
Odorless	Yes
Non-Flammable	Yes
Availability	1 – 5 – 55 gallon
Minimum Order	1-gallon (3.785 liters)

### Environmental & VOC Status

Clearco Pure Silicone Fluid is exempt from Federal VOC Regulations, including California (CARB) and OTC Regulations. It does not contribute to ozone depletion and global warming. In addition, it meets the following:

- RoHS Compliant
- HAP-free
- VOC Exempt

### Features

- Clear, Colorless, Odorless fluid
- NSF H1 Registered: NSF Registration No. 134111
- 100% polydimethylsiloxane (CAS # 63148-62-9)
- Excellent Lubrication
- Non-Flammable
- High Damping Action...meets VV-D-1078 "Silicone as Damping Fluid"
- Wide Service temperature range: -40°C to 170°C
- Chemically Inert
- Excellent Thermal Stability
- Food Grade: 350 Centistokes viscosity only
- High water repellency
- High oxidation resistance
- O-ring Lubricant: inert to virtually all o-rings, gaskets, valves and seals.

### Typical Product Data

Specific Gravity	Refractive Index	Pour Point	Flash Point °C open cup	V.T.C.	Surface Tension	Thermal Expansion cc/cc/c 0-150°C	Thermal Conductivity g/cal/cm/sec °C	Specific Heat BTU/lb. F
0.970	1.4032	-50°C	315°C	0.60	21.1	0.00096	0.00037	0.36

### Packaging

1-gallon.....	8lb / 3.6kg
5-gallon pail.....	40lbs / 18kg
55-gallon drum.....	440lbs / 200kg
275-gallon tote.....	2,204lbs / 1,000kg
F.O.B. Phila, PA U.S.A.	

### For More Information, Contact:

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