

# MATERIAL SAFETY DATA SHEET

Product Identification: **PSF-10cSt Silicone Heat Transfer Fluid**

CLEARCO PRODUCTS CO., INC  
3430-G PROGRESS DRIVE  
Bensalem, PA 19020  
Phone: (215) 639-2640

Emergency Telephone Number  
CHEM-TEL: 1 (800) 255-3924  
CHEM TEL: 1-800-255-3924 (DOMESTIC)  
+01-813-248-0585 (INTERNATIONAL)  
CHEMTEL CONTRACT # MIS0001670

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## SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT DESCRIPTION	% Weight	CAS Number	ACGIH PPM	TLV MG/M3	ACGIH PPM	STEL MG/M3	OSHA PPM	PEL MG/M3	SARA 313
Polydimethylsiloxane	100%	63148-62-9	N/E	N/E	N/E	N/E	N/E	N/E	N/E

Flammability 1  
HMS  
Instability/Reactivity 0  
Health 0

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point >205°C  
Specific Gravity (H2O=1) 0.934  
Vapor Pressure (25°C) Negligible.  
Vapor Density (Air = 1): Negligible.  
Evaporation Rate (EE=1) <1  
Melting Point N/A  
Solubility In Water (20°C) Insoluble  
Solubility in Organic Solvent Soluble in Toluene  
Appearance & Odor: Clear, Colorless liquid - Odorless  
Viscosity @ 25°C 10cSt

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) 211°C (closed cup)  
Flammable Limits: LEL: No Data UEL: No Data

Extinguishing Media: All standard firefighting media  
Special Fire Fighting Procedures: None Known

## SECTION V - REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: None  
Hazard Polymerization: Will Not Occur  
Incompatibilities: None Known  
Hazardous Decomposition

/Combustion:

Carbon Monoxide, Carbon Dioxide, Silicone Dioxide & Formaldehyde

## **SECTION VI HEALTH HAZARD DATA**

Acute Signs/Effects of Overexposure:

Eye Contact: May cause Mild Eye Irritation.  
Skin Contact: None Known.  
Inhalation: None Known.  
Ingestion: None Known.  
Medical Conditions Aggravated: None Known  
Other: None Known  
Chronic Effects of Overexposure: None Known

Emergency and First Aid Procedures:

Ingestion None Known  
Skin Wash with soap and water  
Inhalation None Known  
Eyes In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

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## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Spill Response: Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard.

Disposal Method: Disposal should be made in accordance with Federal, State and Local regulations. Incineration recommended in approved incinerator according to Federal, State, and Local regulations..

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## **SECTION VIII - PROTECTION AND PRECAUTIONS**

Ventilation: None Known  
Respiratory Protection: None Known  
Eye and Face Protection: Safety Glasses  
Protective Gloves: None Known  
Other Protective Equipment: None Known

Precautions to be taken in Handling and Storage: None Known  
Engineering Controls: None Known

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## **SECTION IX - DEPARTMENT OF TRANSPORTATION DATA**

DOT Proper Shipping Name: None  
DOT Hazard Class: None  
DOT Labels: None  
UN/NA Number: None  
Placards: None  
Export: None

EPA Hazard Waste: None  
Sara Hazard Class:  
WHMIS Hazard Class: No Known WHMIS Class  
CPSC Classification None  
Transportation Class: None  
RID (OCTI) None  
ADR (ECE) None  
RAR (IATA) None

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## **DISCLAIMER**

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