

# MATERIAL SAFETY DATA SHEET

Product Identification: **PSF-100cSt 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

Date Prepared: 10/1/2010

## 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 0

HMIS RATING  
REACTIVITY 0

HEALTH 0 *0- Minimal*

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point >450°F / 232°C  
Specific Gravity (H2O=1) .953  
Vapor Pressure (20°C) Negl. MM HG  
Vapor Density (Air = 1): Negl.  
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

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) >400°F / 204°C by PMCC  
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

## **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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