

MATERIAL SAFETY DATA SHEET

Product Identification: **PSF-5cSt 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
Dimethylpolysiloxane	100%	63148-62-9	N/E	N/E	N/E	N/E	N/E	N/E	N/E

FLAMMABILITY 1

HMIS RATING
REACTIVITY 0

HEALTH 1

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >205°C
Specific Gravity (H2O=1): 0.918
Vapor Pressure (25°C): 1mmHg
Vapor Density (air = 1): >1
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
Molecular weight: 700 to 800

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) 135°C / 275°F (COC) Autoignition Temperature: 443°C
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.

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..

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

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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