

# Clearco Products Co., Inc

3430 G. Progress Drive  
Bensalem, PA 19020 U.S.A  
001 215 639-2640 Fax: 001 215 639-2919  
[info@clearcoproducts.com](mailto:info@clearcoproducts.com) [www.clearcoproducts.com](http://www.clearcoproducts.com)

## MATERIAL SAFETY DATA SHEET

NAME ON LABEL: **DPF-7050 DIFFUSION PUMP FLUID**  
CHEMICAL NAME: 1,1,3,5,5 – PENTAPHENYL – 1,3,5 – TRIMETHYLTRISILOXANE  
SYNONYMS: BIS(DIPHENYLMETHYLSILOXY)PHENYLMETHYLSILANE  
CHEMICAL FAMILY: ORGANOSILANE  
FORMULA:  $C_{33}H_{34}O_2Si_3$   
HMIS CODES: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

## INGREDIENTS

IDENTITY	CAS No.	% TLV (threshold limit value)	OSHA PEL (permissible exposure limit)
Trimethylpentaphenyl Trisiloxane	3390-61-2	>95	not established

## PHYSICAL DATA

Boiling Point:	225°C at 0.5 mm	Melting Point:	-25°C
Specific Gravity:	1.09	Vapor Pressure:	<0.001mm
Vapor Density (air = 1):	>1	Solubility in water:	insoluble
% Volatiles:	<0.01%	Evaporation rate:	N/A
Molecular Weight:	546.89	Viscosity:	175 cSt
Appearance & Color:	Clear viscous liquid		

## FIRE & EXPLOSION DATA

Flash Point, COC: 243°C (470°F)  
Auto-ignition Temp: not determined  
Flammability Limits – LEL: N/A  
– UEL: N/A

Extinguishing Media: Water spray or fog, foam, carbon dioxide, dry chemical  
Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.  
Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

## ENVIRONMENTAL INFORMATION

Spill Response: Sweep material and transfer to a suitable container for disposal.  
Recommended Disposal: Incinerate. Follow all chemical pollution control regulations.

## HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed eye irritation.  
Skin Contact: May produce irritation or contact dermatitis.  
Inhalation: Inhalation may irritate the respiratory tract.

Oral Toxicity: Not determined  
Inhalation: Not determined  
Eye Irritation: Not determined

