


**GE Silicones**

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 COPYRIGHT GENERAL ELECTRIC CO.  
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 FORMAT: USA  
 PRODUCT: SF1550

 MATERIAL SAFETY DATA SHEET  
 METHYLPHENYL SILOXANE FLUID  
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 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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 MANUFACTURED BY:  
 GE SILICONES  
 260 HUDSON RIVER ROAD  
 WATERFORD, NY 12188

 SUPPLIED BY:  
 GE SILICONES  
 260 HUDSON RIVER ROAD  
 WATERFORD, NY 12188

 EMERGENCY PHONE (24 HRS)  
 (518) 237-3330

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 (518) 237-3330

 REVISED: 02/24/00  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE FLUID  
 FORMULA: SILOXANE

 2. COMPOSITION/INFORMATION ON INGREDIENTS  
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PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV		OSHA PEL		UNITS
		TWA	STEL	TWA	STEL	
A. HAZARDOUS						
None Found						
B. NON-HAZARDOUS						
TRISILOXANE, 1, 1, 1, 5, 5, 5-HEXAMETHYL- 3-PHENYL-3-((TRIMETHYLSILYL) OXY) - 2116-84-9	30-60	NE	NA	NE	NA	NA
SILSESQUIOXANES, PH 70131-69-0	60-80					

See Section 15 for description of any WHMIS Trade Secret(s)

 3. HAZARDS IDENTIFICATION  
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EMERGENCY OVERVIEW:

 MARKETED BY  
**HARWICK STANDARD  
 DISTRIBUTION CORPORATION**

60 S. Seiberling Street • Akron, Ohio 44305

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

None known

SKIN CONTACT:

None known.

INHALATION:

None Known.

EYE CONTACT:

May cause mild eye irritation.

MEDICAL CONDITIONS AGGRAVATED:

None known.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

None known.

CHRONIC EFFECTS/CARCINOGENICITY:

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.

PRODUCTS/INGREDIENTS

This space reserved for special use.

PRINCIPLE ROUTES OF EXPOSURE:

None known.

OTHER:

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees Fahrenheit (150°F) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for Formaldehyde is available from GE Silicones.

4. FIRST AID MEASURES

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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.

NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

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FLASH POINT:

123

(C) 254

(F)

METHOD :

PMCC

IGNITION TEMP :

UNK

(C) UNK

(F)

FLAMMABLE LIMITS IN AIR - LOWER (%):

NA

FLAMMABLE LIMITS IN AIR - UPPER (%): NA  
SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO  
SENSITIVITY TO STATIC DISCHARGE:  
Sensitivity to static discharge is not expected.  
 EXTINGUISHING MEDIA:  
All standard firefighting media  
SPECIAL FIREFIGHTING PROCEDURES:  
None known.

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#### 6. ACCIDENTAL RELEASE MEASURES

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ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:  
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 slip-  
ping hazard.

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#### 7. HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
Avoid contact with eyes.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:  
None known.  
RESPIRATORY PROTECTION:  
None known.  
PROTECTIVE GLOVES:  
Cloth gloves.  
EYE AND FACE PROTECTION:  
Safety glasses.  
OTHER PROTECTIVE EQUIPMENT:  
None known.  
VENTILATION:  
None known.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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## PRODUCT INFORMATION:

BOILING POINT	:	>300	(C)	>572	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	NEG			
VAPOR DENSITY (AIR=1)	:	NEG			
FREEZING POINT	:	NA	(C)	NA	(F)
1 $\square$ MELTING POINT	:	(C) NA		(F)	
PHYSICAL STATE	:	LIQUID			
ODOR	:	SLIGHT			
COLOR	:	CLEAR			
ODOR THRESHOLD (PPM)	:	UNK			
% VOLATILE BY VOLUME	:	<1			
EVAP. RATE (BUTYL ACETATE=1)	:	NEGL.			
SPECIFIC GRAVITY (WATER=1)	:	.98			
DENSITY (KG/M3)	:	8.0			
ACID/ALKALINITY (MEQ/G)	:	NA			
PH	:	7			
VOC EXCL.H2O & EXEMPTS (G/L)	:	15			
SOLUBILITY IN WATER (20 C)	:	NEGL.			
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:	SOLUBLE IN TOLUENE			

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10. STABILITY AND REACTIVITY

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STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

- Carbon monoxide.
- Carbon dioxide.
- Silicon dioxide.
- Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):

- None known.

CONDITIONS TO AVOID:

- None known.

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11. TOXICOLOGICAL INFORMATION

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## PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG)	:	UNKNOWN
ACUTE DERMAL LD50 (MG/KG)	:	UNKNOWN
ACUTE INHALATION LC50 (MG/L)	:	UNKNOWN
OTHER:	:	
None.	:	

AMES TEST:	:	UNKNOWN
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## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION a at this time  
CHEMICAL FATE INFORMATION: No data at this time

## 13. DISPOSAL CONSIDERATIONS

## 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.

## 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NA  
DOT HAZARD CLASS: NOT REGULATED  
DOT LABEL(S): NA  
UN/NA NUMBER: NA  
PLACARDS: NONE  
IATA:  
NOT REGULATED BY IATA  
IMO IMDG-code: NA  
EMS No: NA  
EUROPEAN CLASS:  
RID (OCTI): NA  
ADR (ECE): NA  
RAR (IATA): NA

## 15. REGULATORY INFORMATION

SARA SECTION 302:  
None Found  
SARA (311,312) HAZARD CLASS  
NONE  
SARA (313) CHEMICALS  
NONE  
CPSC CLASSIFICATION NA  
WHMIS HAZARD CLASS:  
NON-CONTROLLED  
WHMIS TRADE SECRET:

None  
 EXPORT:  
 SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form  
 ECCN: EAR99  
 HAZARD RATING SYSTEMS  
 HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0  
 NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0  
 CALIFORNIA PROPOSITION 65:  
 NONE

16. OTHER INFORMATION

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This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

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 These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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 C = ceiling limit NEGL = negligible  
 EST= estimated NF = none found  
 NA = not applicable UNKN = unknown  
 NE = none established REC = recommended  
 ND = none determined V = recomm. By vendor  
 By-product = reaction by- SKN = skin  
 product, TSCA inventory TS = trade secret  
 status not required under R = recommended  
 40 CFR part 720.30(h-2) MST = mist  
 STEL = short term exposure NT = not tested  
 limit  
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