

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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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REVISED: 04/09/99  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE FLUID  
 FORMULA: SILOXANE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
A. HAZARDOUS						
AMINOETHYL AMINOPROPYL POLYSILOXANE 67923-08-4	80-99	NF	NE	NF	NE	NA
B. NON-HAZARDOUS						
None Found						

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Clear Liquid  
 Odorless  
 Refer to other MSDS sections for detailed information.

POTENTIAL HEALTH EFFECTS:

INGESTION:

May cause tissue damage.  
 Irritation of the mouth, throat, and stomach.

SKIN CONTACT:

May cause severe skin irritation.

INHALATION:

None Known.

EYE CONTACT:

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Causes severe eye irritation may damage tissue.

**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:**

Dermal - skin.

Eyes.

**OTHER:**

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees farenheit (150'C) 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. Animal studies have shown that inhalation of aerosols of aminosilicones or aminosilicone emulsions may be hazardous. A NIOSH approved respirator should be worn if processing of this material is likely to cause an aerosol or mist.

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#### 4. FIRST AID MEASURES

**INGESTION:**

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**SKIN:**

Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

**INHALATION:**

None known.

**EYES:**

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTE TO PHYSICIAN:**

None known.

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#### 5. FIRE FIGHTING MEASURES

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FLASH POINT:	>204	(C) >400	(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:**

Wear respiratory protection if in a confined area.

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**6. ACCIDENTAL RELEASE MEASURES****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.

Wear proper protective equipment as specified in the protective equipment section.

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**7. HANDLING AND STORAGE****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep container closed when not in use.

Avoid contact with skin and eyes.

Caution!

Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:**

Showers.

Eyewash stations.

**RESPIRATORY PROTECTION:**

None known.

**PROTECTIVE GLOVES:**

Rubber gloves.

**EYE AND FACE PROTECTION:**

Safety glasses.

Monogoggles.

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## OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

## VENTILATION:

None known.

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 9. PHYSICAL AND CHEMICAL PROPERTIES

## PRODUCT INFORMATION:

BOILING POINT	:	>204	(C)	>400	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	NEG			
VAPOR DENSITY (AIR=1)	:	NEG			
FREEZING POINT	:	NA	(C)	NA	(F)
MELTING POINT	:	NA	(C)	NA	(F)
PHYSICAL STATE	:	LIQUID			
ODOR	:	ODORLESS			
COLOR	:	CLEAR			
ODOR THRESHOLD (PPM)	:	UNK			
% VOLATILE BY VOLUME	:	<1			
EVAP. RATE (BUTYL ACETATE=1)	:	<1			
SPECIFIC GRAVITY (WATER=1)	:	0.97			
DENSITY (KG/MS)	:	958.6			
ACID/ALKALINITY (MEQ/G)	:	<5 PPM			
PH	:	NA			
VOC EXCL. H <sub>2</sub> O & EXEMPTS (G/L)	:	NI			
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE			
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:	SOLUBLE IN TOLUENE			

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 10. STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	
Carbon monoxide.	
Carbon dioxide.	
Silicon dioxide.	
Oxides of nitrogen.	
Amines.	
Formaldehyde.	
INCOMPATIBILITY (MATERIALS TO AVOID):	
None known.	
CONDITIONS TO AVOID:	
None known.	

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11. TOXICOLOGICAL INFORMATION

## PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): NONE FOUND

ACUTE DERMAL LD50 (MG/KG): NONE FOUND

ACUTE INHALATION LC50 (MG/L): NONE FOUND

## OTHER:

None.

## AMES TEST:

UNKNOWN

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12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time

CHEMICAL FATE INFORMATION: No data at this time

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13. DISPOSAL CONSIDERATIONS

## DISPOSAL METHOD:

Disposal should be made in accordance with federal, state and local regulations.

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14. TRANSPORT INFORMATION

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

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15. REGULATORY INFORMATION

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SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION: NONE

WEMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

D2B TOXIC MATERIALS

WEMIS TRADE SECRET:

None

EXPORT:

SCHDLE E/BTSUS: 3910.00 Silicones in Primary Form

ECCN: EAR99

HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 3

NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 3

CALIFORNIA PROPOSITION 65:

NONE

16. OTHER INFORMATION

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 a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

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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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