



 COPYRIGHT GENERAL ELECTRIC CO.

FORMAT: USA
 PRODUCT: SF1708

MATERIAL SAFETY DATA SHEET
 AMINE SILICONE FLUID

.. 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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 (518) 237-3330

REVISED: 02/26/99
 PREPARER: CE HANNIGAN
 CHEMICAL FAMILY/USE: SILICONE FLUID
 FORMULA: AMODIMETHICONE

 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 SILOXANES & SILICONES, DIMETHYL- METHYL AMINOETHYL/PROPYL, M/STPD 71750-79-3	80-99	NE	NA	NE	NA	NA
B. NON-HAZARDOUS None Found						

See Section 15 for description of any WHMIS Trade Secret

 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
 Clear Liquid
 Slight Odor
 Harmful if swallowed

MARKETED BY
**HARWICK STANDARD
 DISTRIBUTION CORPORATION**
 60 S. Seiberling Street · Akron, Ohio 44305

Do not get in eyes, on skin, or on clothing.
May cause severe skin irritation.
Causes severe eye irritation will damage tissue.
Refer to other MSDS sections for detailed information.

POTENTIAL HEALTH EFFECTS:

INGESTION:

Harmful if swallowed.
May cause tissue damage.

1☐ SKIN CONTACT:

Causes severe skin irritation.
May cause skin burns.

INHALATION:

May cause mild respiratory irritation.

EYE CONTACT:

Causes severe eye irritation will damage tissue
Causes eye burns.

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 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. 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.

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:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.

INHALATION:

Move person to fresh air.

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.

1☐ NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT:	100	(C) 212	(F)
METHOD :	PMCC.		
IGNITION TEMP :	NA	(C) NA	(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:

Corrosive material.

Positive pressure, self-contained breathing apparatus

Wear full protective clothing.

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.

HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use.

Avoid contact with skin and eyes.

Danger! Corrosive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Showers.

Eyewash stations.

Use in a well ventilated area

RESPIRATORY PROTECTION:

Use approved NIOSH respiratory protection if TLV exceeded....

Or over exposure is likely.

PROTECTIVE GLOVES:

Rubber gloves.

EYE AND FACE PROTECTION:

Monogoggles.

Face shield.

OTHER PROTECTIVE EQUIPMENT:

Rubber apron.

Wear eye protection and protective clothing.

VENTILATION:

Use only in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C)	NA	(F)
VAPOR PRESSURE (20 C) (MM HG):	:	NA			
VAPOR DENSITY (AIR=1)	:	NA			
FREEZING POINT	:	NA	(C)	NA	(F)
MELTING POINT	:	NA	(C)	NA	(F)
PHYSICAL STATE	:	LIQUID			
ODOR	:	SLIGHT			
COLOR	:	CLEAR			
ODOR THRESHOLD (PPM)	:	UNK			
% VOLATILE BY VOLUME	:	<1.0			
EVAP. RATE (BUTYL ACETATE=1):	:	>1.0			
SPECIFIC GRAVITY (WATER=1)	:	~1.0			
DENSITY (KG/M3)	:	~1000			
ACID/ALKALINITY (MEQ/G)	:	.8			
PH	:	NA			
VOC EXCL.H2O & EXEMPTS(G/L):	:	NT			
SOLUBILITY IN WATER (20 C) :	:	INSOLUBLE			
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	:	SOLUBLE IN TOLUENE			

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):

Contact with oxidizing agents.

CONDITIONS TO AVOID:

None known.

11. TOXICOLOGICAL INFORMATION

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:	No data 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.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME:	CORROSIVE LIQUID N.O.S. (AMINOPROPYLPOLYDIMETHYLSILOXANE)
DOT HAZARD CLASS:	CORROSIVE
DOT LABEL(S):	CORROSIVE
UN/NA NUMBER:	UN1760
PLACARDS:	CORROSIVE
IATA:	CORROSIVE LIQUID N.O.S. (AMINOPROPYLPOLYDIMETHYLSILOXANE), 8, UN1760, II.
<input type="checkbox"/> IMO IMDG-code:	
IMDG PG. 8147	
EMS No:	EmS. No.8-15, MFAG Table No.760 & Subsection 4.3

EUROPEAN CLASS

RID (OCTI): 8
 ADR (ECE): CORROSIVE
 RAR (IATA): 8

 15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION:

NA

WHMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

E CORROSIVE MATERIAL

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 3

NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 3

CALIFORNIA PROPOSITION 65:

NONE

 16. OTHER INFORMATION

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