



**GE Silicones**

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 COPYRIGHT GENERAL ELECTRIC CO.  
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FORMAT: USA  
 PRODUCT: AF60

MATERIAL SAFETY DATA SHEET  
 DIMETHYL SILICONE EMULSION

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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: 11/12/01  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE ANTIFOAM EMULSION  
 FORMULA: MIXTURE

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 2. COMPOSITION/INFORMATION ON INGREDIENTS  
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PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
1. HAZARDOUS							
ACETALDEHYDE							
75-07-0	<1	100	150	100	150		PPM
2. NON-HAZARDOUS							
DIMETHYLPOLYSILOXANE							
63148-62-9	10-30	NA	NE	NA	NE		NA
POLYOXYETHYLENE MONOSTEARATE							
9004-99-3	5-10	NA	NE	NA	NE		NA
SORBITAN MONOSTEARATE							
1338-41-6	5-10	NA	NE	NA	NE		NA
WATER							
7732-18-5	30-60	NA	NE	NA	NE		NA
HMDZ TREATED SILICA							
68909-20-6	1-5	10	NE	15	NE		MG/M3

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

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

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 3. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

## CAUTION!

May irritate the eyes.

ATTENTION: Not for injection into humans.

Odorless

White liquid

## 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:

Eyes.

## OTHER:

Attention: Not for injection into humans.

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (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.

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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.

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5. FIRE FIGHTING MEASURES

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FLASH POINT: NA (C) NA (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:  
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.

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7. HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
Keep container closed when not in use.  
Avoid contact with eyes.  
Keep from freezing.  
Keep away from children.  
Stir well before using.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:  
None known.  
RESPIRATORY PROTECTION:  
None known.  
PROTECTIVE GLOVES:  
None known.  
 EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### PRODUCT INFORMATION:

BOILING POINT	:	100	(C) 212	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	24		
VAPOR DENSITY (AIR=1)	:	UNK		
FREEZING POINT	:	0	(C) 32	(F)
MELTING POINT	:	0	(C) 32	(F)
PHYSICAL STATE	:	LIQUID		
ODOR	:	ODORLESS		
COLOR	:	MILKY		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	~60		
EVAP. RATE (BUTYL ACETATE=1)	:	>1		
SPECIFIC GRAVITY (WATER=1)	:	1.01		
DENSITY (KG/M3)	:	982.6		
ACID/ALKALINITY (MEQ/G)	:	UNK		
PH	:	5-7		
VOC EXCL.H2O & EXEMPTS (G/L)	:	<5		
SOLUBILITY IN WATER (20 C)	:	NA		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:		SOLUBLE, ALCOHOL	

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

AMES TEST: UNKNOWN

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12. ECOLOGICAL INFORMATION  
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ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time

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13. DISPOSAL CONSIDERATIONS  
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## DISPOSAL METHOD:

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

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14. TRANSPORT INFORMATION  
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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: NOT REGULATED FOR OCEAN TRANSPORTATION  
EMS No: NA  
EUROPEAN CLASS:  
RID (OCTI): NONE  
ADR (ECE): NONE  
RAR (IATA): NONE

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## 15. REGULATORY INFORMATION

SARA SECTION 302:  
 None Found  
 SARA (311,312) HAZARD CLASS:  
 NONE  
 SARA (313) CHEMICALS:  
 NONE  
 CPSC CLASSIFICATION: NONE  
 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:  
 THIS PRODUCT CONTAINS CALIFORNIA PROPOSITION 65 CHEMICALS  
 WHICH ARE LISTED BELOW:

ACETALDEHYDE (75-07-0)

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 16. OTHER INFORMATION  
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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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 This product or its components are on the Australian inventory (ACOIN).....  
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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-product, TSCA inventory status not required under 40 CFR part 720.30(h-2)	SKN = skin
	TS = trade secret
STEL = short term exposure limit	R = recommended
	MST = mist
	NT = not tested

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 California Proposition 65:  
**WARNING!** This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

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 DATE PRINTED: 01/03/03