

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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 (518) 237-3330

REVISED: 01/21/98
 PREPARER: CE HANNIGAN
 CHEMICAL FAMILY/USE: SILICONE SILOXANE
 FORMULA: D5

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	STEL	UNITS
A. HAZARDOUS						
DECAMETHYLCYCLOPENTASILOXANE 541-02-6	80-99	5 PPM	NE	GE REC	NE	GUIDE
MIXED CYCLOSILOXANES 69430-24-6	<3	NONE	NE	NONE	NE	NA
B. NON-HAZARDOUS						
None Found						

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Clear Liquid
 Odorless
 Caution! Combustible
 Keep away from heat, sparks, and flame.
 Refer to other MSDS sections for detailed information.

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

SKIN CONTACT:

None known.

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MARKETED BY
HARWICK STANDARD
 DISTRIBUTION CORPORATION
 60 S. Seiberling Street • Akron, Ohio 44305
 Akron • Chicago • Northeast • Southern • West Coast

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:

D5

Ingestion: Rodents given doses via oral gavage of decamethylpentasiloxane (100 mg/kg/day for females, 400 mg/kg/day for males, 14 days) developed increased liver weights relative to unexposed control animals.

Inhalation: In inhalation studies, laboratory rodents exposed to decamethylpentasiloxane (120 ppm five days/week, 90 days) developed increased liver weights in female animals relative to unexposed control animals. When the exposure was stopped, liver weights returned to normal. Microscopic examination of the liver cells did not show any evidence of pathology. Inhalation exposures typical of industrial usage (5-10 ppm) showed no toxic effects in rodents.

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.

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.

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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

FLASH POINT: 76.6 (C) 170 (F)
METHOD : PMCC
IGNITION TEMP : UNK (C) UNK (F)
FLAMMABLE LIMITS IN AIR - LOWER (%): UNK
FLAMMABLE LIMITS IN AIR - UPPER (%): UNK
SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO
SENSITIVITY TO STATIC DISCHARGE:
Sensitivity to static discharge is expected; material has a flash point below 200 f.
EXTINGUISHING MEDIA:
All standard firefighting media
SPECIAL FIREFIGHTING PROCEDURES:
Combustible.

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.
Remove sources of ignition.
Warn other workers of spill.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use ground strap.
Recommended storage in original container below 30°C (85°F).
Keep container closed when not in use.
Caution! Combustible.

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Avoid contact with eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Eyewash stations.

RESPIRATORY PROTECTION:

None known.

PROTECTIVE GLOVES:

None known.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	210	(C) 410	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	0.3		
VAPOR DENSITY (AIR=1)	:	NA		
FREEZING POINT	:	UNK	(C) UNK	(F)
MELTING POINT	:	UNK	(C) UNK	(F)
PHYSICAL STATE	:	LIQUID		
ODOR	:	ODORLESS		
COLOR	:	CLEAR		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	100		
EVAP. RATE (BUTYL ACETATE=1)	:	<1		
SPECIFIC GRAVITY (WATER=1)	:	.95		
DENSITY (KG/M3)	:	958.6		
ACID/ALKALINITY (MEQ/G)	:	<3 PPM A		
PH	:	NA		
VOC EXCL. H2O & EXEMPTS (G/L)	:	NT		
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:	SOLUBLE, TOLUENE		

10. STABILITY AND REACTIVITY

STABILITY:

STABLE

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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:

Keep away from heat, sparks and flame.

Avoid any source of ignition.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): (RAT) >40 G/KG

ACUTE DERMAL LD50 (MG/KG): >10 ml/kg (Rat)

ACUTE INHALATION LC50 (MG/L): Saturated vapor 8 hrs no deaths (Rat)

OTHER:

None.

AMES TEST:

UNKNOWN

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.

Incineration recommended in approved incinerator according to federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: FOR BULK CONTAINERS (>119 GAL) ONLY: COMBUSTIBLE
LIQUID N.O.S. (DECAMETHYLCYCLOPENTASILOXANE)

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DOT HAZARD CLASS: FOR BULK CONTAINERS ONLY: COMBUSTIBLE LIQUID
 DOT LABEL(S): NONE
 UN/NA NUMBER: FOR BULK CONTAINERS ONLY: NA1993
 PLACARDS: FOR BULK CONTAINERS ONLY: COMBUSTIBLE
 IATA:
 NA
 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:
 FIRE HAZARD
 SARA (313) CHEMICALS:
 NONE
 CPSC CLASSIFICATION: NA
 WHMIS HAZARD CLASS:
 B3 COMBUSTIBLE LIQUIDS
 D2A VERY TOXIC MATERIALS
 WHMIS TRADE SECRET:
 None
 EXPORT:
 SCHEDULE B/HTSUS: 2811.22 Silicon Dioxide
 ECCN: EAR99
 HAZARD RATING SYSTEMS
 HMIS FLAMMABILITY 2 , REACTIVITY 0 , HEALTH 0
 NFPA FLAMMABILITY 2 , REACTIVITY 0 , HEALTH 0
 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

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review these recommendations in the specific content of the intended use.

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This product or its components are on the Australian inventory (ACOIN).....

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
STEL = short term exposure limit	TS = trade secret
	R = recommended
	MST = mist
	NT = not tested

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DATE PRINTED: 05/11/98

*** END OF MSDS ***