



532 Point Lawrence Rd.
Olga, WA 98279
Tel: 360-376-8008

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT INFORMATION

Product Name: Lotioncrafter 1684 INCI: Cyclomethicone (and) Dimethicone

Chemical Name: Decamethylcyclopentasiloxane (and)
Octamethylcyclotetrasiloxane (and) Dimethylpolysiloxane

Distributor: Lotioncrafter LLC
532 Point Lawrence Rd.
Olga, WA 98279

Technical Information: (360) 376-8008
24-Hour Emergency Telephone (CHEMTREC): (800) 424-9300

SECTION II: INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>% WT.</u>
Decamethylcyclopentasiloxane	541-02-6	40.00-65.00
Octamethylcyclotetrasiloxane	556-67-2	20.00-45.00
Dimethylpolysiloxane	9006-65-9	10.00-25.00

SECTION III: PRECAUTIONARY STATEMENT

The principal hazards of this product as supplied are:

Combustible Liquid can form combustible mixtures at temperatures at or above the flashpoint. Static discharge, material can accumulate static charges, which can cause an incendiary electric discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Empty drums should be completely drained, properly bunged, promptly returned to a drum reconditioning source, or properly disposed of.

SECTION IV: HEALTH INFORMATION & PROTECTION

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Single, prolonged exposure (hours) causes no known effect. Several repeated, prolonged exposures may cause slight irritation.

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SECTION IV:	HEALTH INFORMATION & PROTECTION	CONT.
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- INHALATION:** No irritation to nose or throat expected. No injury is likely from relatively short exposure. Avoid mist or aerosol mists. Mists may seriously irritate nose, throat and lungs.
- INGESTION:** No known, adverse chronic health effects, but unnecessary exposure to any chemical should be avoided. This product, as with any chemical, may enhance allergic conditions on certain people. There are no known medical conditions that might be aggravated by exposure to this product.

FIRST AID

- EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
- SKIN CONTACT:** Flush with large amounts of water, use soap if available. Remove grossly contaminated clothing, including shoes and laundry before reuse.
- INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
- INGESTION:** If swallowed, DO NOT induce vomiting. Keep at rest, get prompt medical attention.

SECTION V:	FIRE AND EXPLOSION HAZARD
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FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personal. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover.

SECTION VI:	SPILL CONTROL PROCEDURE
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LAND SPILL: Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures: for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERLA reporting (see section vii) notify the National Response center.

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SECTION VI: SPILL CONTROL PROCEDURE (con't)

WATER SPILL: Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal regulated material and ensures conformity to local disposal regulations.

SECTION VII HAZARD RATINGS

This information is for people trained in:

National Paint & Coatings Association (NPCA)
Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)
Identification of the Fire Hazards of Materials

	<u>NPCA - HMIS</u>	<u>NFPA 704</u>	<u>KEY</u>
HEALTH	1	1	4 – Severe
FLAMMABILITY	2	2	3 – Serious
REACTIVITY	0	0	2 -Moderate
			1 – Slight
			0 – Minimal

SECTION VIII: REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):

DOT Proper Shipping Name: Flammable Liquid, NOS
DOT Hazard Class: C
DOT Identification Number: UN 1993

Packing Group: III

Remarks: Above applies only to containers over 119 gallons or 450 liters.

Hazard Label(s): None

Ocean Shipment (IMDG): Not subject to IMDG code.

Air Shipment (IATA): Not subject to IATA regulations

SECTION IX: TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity: 0.955-0.975
Solubility in Water: Insoluble
Viscosity of Liquid: 7000 cs
Stability: Stable
Solids: 16%
Color: Clear, Viscous Liquid

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SECTION X: REACTIVITY DATA

CONDITIONS TO AVOID

HAZARDOUS POLYMERIZATION: MATERIALS & CONDITIONS TO AVOID INCOMPATIBILITY:	Not Applicable
HAZARDOUS DECOMPOSITION PRODUCTS:	Strong oxidizing agents None

SECTION XI STORAGE & HANDLING

ELECTROSTATIC ACCUMULATION HAZARD:	Yes, use proper grounding procedure
STORAGE TEMPERATURE:	Ambient
STORAGE/TRANSPORT PRESSURE:	Atmospheric
LOADING/UNLOADING TEMPERATURE:	Ambient
VISCOSITY AT LOADING/UNLOADING TEMP.	5,500 – 8,500 cs

SECTION XII TOXICOLOGICAL INFORMATION

Acute Eye Irritation:	Slightly irritating
Acute Skin Irritation:	Non-irritating
Skin Sensitization Potential:	Non-sensitizing
Acute Inhalation Toxicity:	None found for this product
Acute Toxicity:	LD50 : 20 g/kg
Chronic Toxicity:	This product contains no known or suspected human carcinogens

Component Toxicology Information:

Recent results from a 2-year repeated vapor inhalation exposure study to rats of octamethylcyclotetrasiloxane (D4) indicate effects (benign uterine adenomas) in the uterus of female animals. These effects, which have been shown to be rat-specific, occur at the highest exposure dose (700 ppm) only, a level that greatly exceeds typical workplace or consumer exposures. Industrial, commercial, or consumer uses of products containing D4 do not represent a risk to humans.

Recent results from a 2-year repeated vapor inhalation exposure study to rats of decamethylcyclopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. These effects, which have been shown to be rat-specific, occur at the highest exposure dose (160 ppm) only, a level that greatly exceeds typical workplace or consumer exposures. Industrial, commercial, or consumer uses of products containing D5 do not represent a risk to humans.

Special Hazard Information on Components: No known applicable information.

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SECTION XIII	ECOLOGICAL INFORMATION
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Environmental Fate and Distribution:
Complete information is not yet available.

Environmental Effects:
Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants:
Complete information is not yet available.

SECTION XIV	REGULATORY INFORMATION
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Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings
Section 302 Extremely Hazardous Substances (40 CFR 355): None
Section 304 CERCLA Hazardous Substances (40 CFR 302): None
Section 311/312 Hazard Class (40 CFR 370):

- Acute: No
- Chronic: No
- Fire: Yes
- Pressure: No
- Reactive: No

Section 313 Toxic Chemicals (40 CFR 372): None present in regulated quantities.

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