

Lotioncrafter

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

MATERIAL SAFETY DATA SHEET

INCI: Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer

SECTION I: PRODUCT INFORMATION

Product Name: Lotioncrafter EL3045

Chemical Family/Use: Silicone polymer
Formula: Silicone elastomer dispersion

Hazard Rating:

Health	0
Fire:	1
Reactivity:	0

0- Least 1-Slight 2-Moderate 3-High 4-Extreme

SECTION II: INGREDIENTS

Description Proprietary Blend

Product Composition	CAS Reg No.	Wgt. %
Decamethylslopentasiloxane	CAS# 541-02-6	60-90%
Mixed Cyclosiloxanes	CAS# 59430-24-6	1-5%
Silicone Gel		10-30%

SECTION III: PRECAUTIONARY STATEMENT

Caution! Combustible liquid and vapor. May generate formaldehyde at temperatures greater than 150°C (300°F). Adverse liver and reproductive effects reported in animals.

SECTION IV: HEALTH INFORMATION & PROTECTION

EYE CONTACT: May cause slight eye irritation. Eye glasses.

SKIN CONTACT: None known.

INHALATION: None known

INGESTION: May be harmful if swallowed.

MEDICAL CONDITIONS AGGRAVATED: None known

Lotioncrafter

MATERIAL SAFETY DATA SHEET

INCI: Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer

SECTION IV:	HEALTH INFORMATION & PROTECTION con't
-------------	---------------------------------------

SUBCHRONIC (TARGET ORGAN): Liver / Reproductive hazard.

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.

ROUTES OF EXPOSURE: Dermal

OTHER: 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.

FIRST AID

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, get medical attention of irritation develops.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air.

INGESTION: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

NOTE TO PHYSICIAN: Treatment is symptomatic and supportive.

SECTION V:	FIRE AND EXPLOSION HAZARD
------------	---------------------------

FLASHPOINT: 170.6 Degrees °F.

METHOD: Closed cup

GENERAL HAZARD:

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.

FIRE FIGHTING:

Use supplied breathing air and protective clothing. Foam, dry chemical or carbon dioxide.

Lotioncrafter

MATERIAL SAFETY DATA SHEET

INCI: Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer

SECTION VI:	SPILL CONTROL PROCEDURE
-------------	-------------------------

LAND SPILL: Shut off all ignition sources. Contain the spill or leak. Scrape up with cardboard or rag and place in container.

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	0	0	4 – Severe
FLAMMABILITY	1	1	3 – Serious
REACTIVITY	0	0	2 -Moderate 1 – Slight 0 – Minimal

SECTION VIII:	REGULATORY INFORMATION
---------------	------------------------

DEPARTMENT OF TRANSPORTATION (DOT):

DOT Proper Shipping Name:	Combustible Liquid, N.O.S..
DOT Hazard Class:	C
UN/NA Number:	NA 1993
PACKING GROUP:	III

REMARKS: DO NOT AIRSHIP

CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive response, Compensation, and Liability Act (CERCLA). We recommend you obtain local reporting requirements.

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and reauthorization Act, this product is classified into the following hazard categories: Delayed Health, Fire.

Lotioncrafter

MATERIAL SAFETY DATA SHEET

INCI: Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer

SECTION IX: TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	210°C 410°F
Freezing Point:	-44.00°C 47.20-°F NA
Melting Point:	-44.00°C 47.20-°F NA
Physical State:	Solid
Odor:	Faint sweet
Color:	Cloudy
Specific Gravity:	0.95
Density (kg/m3):	956.00 kg/m3
Acid / Alkalinity (meg/g):	<3 PPM
pH:	NA
Volatile Organic Content:	NA
Solubility in Water:	Insoluble
Solubility in Organic Solvent:	Soluble in Acetone
Stability:	Stable

SECTION X: REACTIVITY DATA

CONDITIONS TO AVOID:	Keep away from heat and sources of ignition. Avoid any source of ignition due to flammability.
HAZARDOUS POLYMERIZATION:	Will not occur
MATERIALS TO AVOID /INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide, formaldehyde, carbon monoxide, silicone dioxide

SECTION XI STORAGE & HANDLING

STORAGE: Store away from heat, sources of ignition, and incompatibles. Store in original container.

STORAGE TEMPERATURE: Ambient

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Avoid contact with skin, eyes and clothing. Use ground strap and appropriate precautions for dispensing flammable liquids. Use only spark-proof and explosion-proof tools and equipment. Keep away from children.

Lotioncrafter

MATERIAL SAFETY DATA SHEET

INCI: Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer

SECTION X	TOXICOLOGICAL INFORMATION
-----------	---------------------------

ACUTE ORAL: LD50rat> 2,000 mg/kg
ACUTE DERMAL: LD50rat> NA
ACUTE INHALATION: No data available

OTHER:

Non-irritating to skin (rbt). Non-irritating to eyes (rbt).
Decamethylcyclopentasiloxane: Rodents repeatedly exposed to decamethylcyclopentasiloxane (D5) via inhalation or ingestion developed increased liver weights relative to unexposed control animals. When the exposure was stopped, livers returned to normal. Microscopic examination of the liver cells did not show any evidence of pathology. Liver enlargement was due to an increase in metabolizing enzymes, and a temporary increase in the number and size of normal cells (hyperplasia and hypertrophy). These biochemical pathways are more sensitive in rodents than in humans. Inhalation exposures that are typical in industrial use (5-10 ppm) showed no toxic effects in rodents. A two-year combined chronic toxicity and carcinogenicity inhalation study was conducted with decamethylcyclopentasiloxane (D5) in Fisher-344 rats by whole body inhalation. A statistically significant increase in the trend for uterine endometrial tumors (non-malignant) was observed in female rats exposed for 24 months at the highest dose level of 160 ppm. The same effects were not seen at the other dose levels of 10 and 40 ppm. No adverse effects were seen in male rats at any level. Whether or not this increase in incidence is truly related to the exposure to D5 is questionable and yet to be determined. Based on our present knowledge, it is unlikely that industrial, commercial, or consumer uses of products containing D5 would result in a significant risk to humans. The recommended exposure guideline for D5 is 10 ppm.

SENSITIZATION: No data available
SKIN IRRITATION: Rabbit: No skin irritation
EYE IRRITATION: Rabbit: No eye irritation
MUTAGENICITY: Not mutagenic in AMES Test.

Disclaimer:

This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable.
