

Cyclotetrasiloxane, Cyclopentasiloxane, PEG/PPG-18/18 Dimethicone

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 12-31-2017
Supersedes: 11-14-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Cyclotetrasiloxane, Cyclopentasiloxane, PEG/PPG-18/18 Dimethicone	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	35318 SE Center Street Snoqualmie, WA 98065 (USA)
INCI Name:	Cyclotetrasiloxane, Cyclopentasiloxane, Dimethicone	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	556-67-2, 541-02-6, 63148-62-9	Web:	www.makingcosmetics.com
Formula:		Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Flammable Liq. 3												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H226: Flammable liquid and vapor												
GHS Precautionary Statements:	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233: Keep container tightly closed. P261: Avoid breathing dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/eye protection/face protection.												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="background-color: #0070C0; color: white;">1</td> <td style="background-color: #0070C0; color: white;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="background-color: #FF0000; color: white;">1</td> <td style="background-color: #FF0000; color: white;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="background-color: #FFFF00; color: black;">0</td> <td style="background-color: #FFFF00; color: black;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Cyclotetrasiloxane	556-67-2	80-85%	n/a
Cyclopentasiloxane	541-02-6	10-15%	n/a
PEG/PPG-18/18 Dimethicone	63148-62-9	1%	n/a

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary.
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Flush with plenty of water and wash using soap.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical, water spray) for adjacent fire. Do not use water.
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Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: PMCC 140° F
Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: When heated to temperatures above 150° C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Keep vapor concentrations within the OSHA permissible exposure limit for Formaldehyde. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Mixture	n/a		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Not required, but wear chemical safety glasses or goggles.
Inhalation: Not needed under normal conditions of use.
Body: Suitable gloves. Slip proof shoes may be worn where spills may occur.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

When heated to temperatures above 150° C (302° F) in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Keep vapor concentrations within the OSHA permissible exposure limit for Formaldehyde.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Viscosity:	200 - 500 (Brookfield Spindle #3/30 rpm)
Odor:	Characteristic	Vapor Density:	>1
Taste:	Not available	Evaporation Rate:	Not available
Color:	Colorless	Flammability:	May be combustible
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not determined
pH (1% sol. in water)	Not determined	Flash Point:	>140° F
Boiling Point:	>95° F	Specific Gravity @ 25° C:	0.956
Volatile, % by Volume:	90%	Solubility:	Not soluble

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	High heat
Incompatible Materials:	Oxidizing material can cause a reaction
Hazardous Decomposition Products:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: carbon oxides and traces of incompletely burned carbon compounds, silicone, and formaldehyde.

11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	No data available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Toxicity to Water Organisms:	No data available
Toxicity to Soil Organisms:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Proper Shipping Name: Combustible Liquid, N.O.S. Hazard Technical Name: Cyclopolydimethylsiloxane Hazard Class: Combustible Liquid, UN/NA Number: NA1993 Packing Group: III
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15 REGULATORY INFORMATION

WHMIS (Canada):	No data available
EPA SARA III:	Section 302 Extremely Hazardous Substances: None Section 304 CERCLA Hazardous Substances: None Section 312 Hazard Class: Acute: NO Chronic: YES Fire: YES, Pressure: NO Reactive: NO
Supplemental State Compliance Information:	NEW JERSEY: CAS Number Ingredients Wt% 556-67-02 Octamethylcyclotetrasiloxane 60% 541-02-6 Decamethylcyclopentasiloxane 15.0 - 40.0% 68937-55-3 Dimethyl, methylhydroxypropyl, ethoxylated propoxylated siloxane 10.0 - 30.0%

7732-18-5 Water 1.0 - 5.0%
PENNSYLVANIA:
CAS Number Ingredients Wt%
556-67-02 Octamethylcyclotetrasiloxane 60%
541-02-6 Decamethylcyclopentasiloxane 15.0 - 40.0%
68937-55-3 Dimethyl, methhydroxypropyl, ethoxylated propoxylated siloxane 10.0 - 30.0%
7732-18-5 Water 1.0 - 5.0%
California Prop. 65: None
Section 313 Toxic Chemicals: None present or none present in regulated quantities.

16 OTHER INFORMATION

Revision Date: 12-31-2017
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.