

Cyclomethicone


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

Revision Date: 05-Sep-2024
Supersedes: 17-Jun-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Cyclomethicone	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Cyclotetrasiloxane, Cyclopentasiloxane	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	556-67-2, 293-51-6, 541-02-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Reproductive Toxicity: Category 2 Flammable Liquids: Category 3												
GHS Signal Word	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H361: Suspected of damaging fertility of the unborn child. H226: Flammable liquid and vapor.												
GHS Precautionary Statements:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat/sparks/open flames/hot surfaces/smoke P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P308 + P313: IF exposed or concerned, get medical advice/attention. P370 + P378: In case of fire, use appropriate media (see section 5) to extinguish. P405: Store locked up. P403 + P235: Store in a well-ventilated place. Keep cool. P501: Dispose if contents/container in accordance with local and federal regulations.												
Potential Health Hazards:	Eyes: May cause irritation. Inhalation: May cause irritation. Skin: May cause irritation. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">2</td> <td>Moderate</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	2	Moderate	Reactivity	0	Minimal	Specific Hazard	N/A	
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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, 293-51-6	>60%	Not Available
Cyclopentasiloxane	541-02-6	10 - 30%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately rinse with plenty of water. Remove contact lenses if present and continue washing for at least 15 minutes. Keep eyes wide open while rinsing. Do NOT rub affected area. If symptoms persist, seek medical attention.
Inhalation:	Remove to fresh air. Seek medical attention.
Skin:	Immediately wash skin with soap and water and remove all contaminated clothes and shoes. Wash before reuse. Seek medical attention if necessary.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If the patient feels unwell, seek medical advice.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (dry chemical, CO ₂ , alcohol-resistant foam) for surrounding environment and adjacent fire. Do not use water spray or streams as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus operated in positive pressure mode and full protective clothing, including eye protection and boots. Move containers from fire area if you can do so without risk. Eliminate all sources of ignition.
Flash Points:	134.60°F (57°C)
Specific hazards arising from the chemical:	Risk of ignition. Keep product and empty container away from heat and sources of ignition. Product is sensitive to static discharge. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Stop leak if you can do so without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches, and waterways. Absorb with earth, sand, or other non-combustible material and transfer to containers for later disposal. Take precautionary measures against static discharges. Dam up. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, spark, open flame, and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use water-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and shoes. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed in a dry, cool, and well-ventilated area. Keep in properly labeled containers. Store in an area equipped with sprinklers. Store locked up. Store away from 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>
Cyclomethicone	Not available	Not available	Not available

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:	Wear tightly-sealed safety goggles.
Inhalation:	Provide local exhaust ventilation. Wear a NIOSH-approved air-purifying respirator in the event of inadequate ventilation or emergency situations.
Body:	Wear suitable gloves and full protective clothing.
Other:	Use good personal and industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Vapor Pressure:	No data available
Odor:	Slight	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	134.6°F (>57°C)
Boiling Point:	>212°F (>100°C)	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable.
Chemical Stability:	No data available.
Hazardous Polymerization:	Will not occur under normal use.
Conditions to Avoid:	No data available.
Incompatible Materials:	Keep away from heat, sparks, flame, and all other sources of ignition (i.e. pilot lights, electric motors, static electricity).
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Vapors (mg/l):	(Rat) 36 g/m ³ , 4 hours.
Dusts and Mists (mg/l):	(Rat) 36 g/m ³ , 4 hours.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	(Brachydanio Rerio) 500: 96 hours. (Lepomis Macrochirus) mg/L, LC50 1000: 96 hours.
Aquatic Invertebrate:	(Daphnia Magna) mg/L LC50: 25.2, 24 hours.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.

Bioaccumulative Potential:	Partition coefficient: 5.1.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Do not dump into any sewers, on the ground, or into any body of water. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused and uncontaminated product, the preferred options include sending to a licensed permitted: recycler, reclaimer incinerator or other thermal destruction device. In case of spill, use appropriate tools to put the spilled solid in a convenient waste disposal container. 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. Regulations may vary in different locations
Product Containers:	Do not reuse container. 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):	Regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Regulated.
IATA (International Air Transport Association):	Regulated.
ICAO (International Civil Aviation Organization):	No data available.
Harmonization Code:	3910.00.0000
UN Number:	UN1993
Proper Shipping Name:	Flammable liquids, n.o.s
Hazard Class:	3: flammable and combustible liquids.
Packing Group:	Group III

15 REGULATORY INFORMATION

TSCA Registered:	Yes.
TSCA 5(a) SNUR:	No.
SARA Title III Section 313:	This product does not contain any chemicals which are subject to the reporting requirements of the act and Title 40 of the Code of Federal Regulations, part 372.
Canada (DSL):	Complies.
EU (EINECS/ELINCS):	Complies.
China Inventory List:	Complies.
Australia (AICS):	Complies.
Japan (MITI):	Complies.
Philippines (PICCS):	Complies.
Korea Inventory List:	Complies.
New Zealand (NZIoC):	Complies.

16 OTHER INFORMATION

Revision Date:	05-Sep-2024
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.