

Dimethicone 500

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

Revision Date: 06-Sep-2024
Supersedes: 17-May-2021

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|-------------------|------------------------------------|--|
| Product Name: | Dimethicone 500 | Distributor: | MakingCosmetics Inc. |
| Synonyms: | No data available | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Dimethicone | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| CAS Number: | 63148-62-9 | 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: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: None.
Potential Health Hazards: Eyes: May be an irritant.
 Inhalation: May be an irritant.
 Skin: May be an irritant.
 Ingestion: May cause nausea, vomiting, and diarrhea.

NFPA Ratings (704):

| | | |
|-----------------|-----|---------|
| Health | 0 | Minimal |
| 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> |
|------------------|----------------|-----------------|-------------------------|
| Dimethicone | 63148-62-9 | 100% | Not Available |

4 FIRST AID MEASURES

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation: Remove to fresh air.

Skin: Wash skin with soap and water.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water and drink plenty of water afterwards.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. Do not use water spray when fighting as it may be inefficient.

Special protective equipment & precautions for firefighters: Wear self-contained, pressure demand, breathing apparatus (MSHA/NIOSH) and full protective clothing, including eye protection and boots.

Flash Points: 248°F (120°C)

Specific hazards arising from the chemical: Not determined. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
 Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up:

Prevent further leakage or spillage if safe to do so. Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth, or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

Handle in accordance with good personal and industrial hygiene and safety practice. Avoid exposure to extreme temperatures and direct sunlight. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities:

Keep containers tightly closed in a dry, cool, and well-ventilated place. Avoid exposure to extreme temperatures and direct sunlight. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component

Dimethicone 500

Exposure Limits

Not available

Basis

Not available

Entity

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: None required, but safety glasses or goggles are recommended.

Inhalation: Ensure adequate ventilation. Use a NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister, as appropriate.

Body: Wear protective gloves and full protective clothing.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Liquid

Odor:

Odorless

Odor Threshold:

No data available

Color:

Colorless

Molecular Weight:

No data available

pH:

No data available

Boiling Point:

>248°F (>120°C)

Melting/Freezing Point:

No data available

Relative Density:

No data available

Partition Coefficient: n-octanol/water:

No data available

Viscosity:

500 (kinematic)

Oxidizing Properties:

No data available

Vapor Pressure:

No data available

Vapor Density:

No data available

Evaporation Rate:

No data available

Flammability:

No data available

Upper/lower Explosive Limit:

No data available

Flash Point:

>248°F (>120°C) closed cup

Specific Gravity:

No data available

Water Solubility:

Immiscible

Auto-Ignition Temperature:

No data available

Decomposition Temperature:

No data available

Explosive Properties:

No data available

Metal Corrosion:

No data available

10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable.

Hazardous Polymerization:

None under normal processing.

| | |
|--|---|
| Conditions to Avoid: | No data available. |
| Incompatible Materials: | Avoid exposure to extreme temperatures and direct sunlight. |
| Hazardous Decomposition Products: | No data available. |
| Possible Hazardous Reactions: | No data available. |

11 TOXICOLOGICAL INFORMATION

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|--|---|
| Acute Toxicity: | No data available. |
| Skin: | (Rabbit) Dermal LD50 (mg/kg bodyweight) >2 g/kg. |
| Eyes: | No data available. |
| Inhalation: | No data available. |
| Ingestion: | (Rat) Oral LD50 (mg/kg bodyweight) >17 g/kg >24 g/kg. |
| Carcinogenicity: | No data available. |
| Teratogenicity: | No data available. |
| Germ Cell Mutagenicity: | No data available. |
| Embryotoxicity: | No data available. |
| Specific Target Organ Toxicity: | No data available. |
| Reproductive Toxicity: | No data available. |
| Sensitization: | No data available. |
| Corrosivity: | No data available. |

12 ECOLOGICAL INFORMATION

| | |
|---------------------------------------|---|
| Ecotoxicity: | 0% of the mixture consists of components of unknown hazards to the aquatic environment. |
| Aquatic Vertebrate: | No data available. |
| Aquatic Invertebrate: | No data available. |
| Terrestrial: | 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

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|----------------------------|--|
| Waste Residues: | Follow all federal, state, and local regulations for non-hazardous waste disposal. Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulation, and/or laws governing your locations. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Do not reuse the 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. |
| Product Containers: | Empty containers should be recycled or disposed of through an approved waste management facility. 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

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|--|-------------------------|
| DOT (Dept. of Transportation, USA): | Non-regulated material. |
| TDG (Transportation of Dangerous Goods, Canada): | No data available. |
| IMDG (International Maritime Dangerous Goods): | Not regulated. |
| IATA (International Air Transport Association): | Not regulated. |
| ICAO (International Civil Aviation Organization): | No data available. |

15 REGULATORY INFORMATION

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|------------------------------------|---|
| 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. |
| Korean Inventory List: | Complies. |
| Taiwan (TCSI): | Complies. |
| New Zealand (NZIoC): | Complies. |

16 OTHER INFORMATION

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| Revision Date: | 06-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. |