

# SAFETY DATA SHEET: DIMETHICONE

## 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME DIMETHICONE  
CAS-No. 63148-62-9  
CHEMICAL NAME DEFINITION/BOTANICAL ORIGIN: Dimethicone or Polydimethylsiloxane (PDMS) is a member of the group of polymeric organosilicon compounds commonly referred to as silicones.  
PRODUCT NO. CU00022492  
SYNONYMS, TRADE NAMES INCI name: Dimethicone

## 2 HAZARDS IDENTIFICATION

CLASSIFICATION (67/548) -

CLASSIFICATION (EC 1272/2008)

Physical	Not classified.
Health	Not classified.
Environmental	Not classified.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No. 63148-62-9

## 4 FIRST-AID MEASURES

### GENERAL INFORMATION

Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

### NOTES TO THE PHYSICIAN

No specific first aid measures noted.

### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

### INGESTION

If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

### SKIN CONTACT

If necessary, remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Fire can be extinguished using foam, carbon dioxide or dry powder.

### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed immediately or cooled with water.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

When heated and in case of fire, toxic vapors/gases may be formed.

#### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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## 6 ACCIDENTAL RELEASE MEASURES

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#### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

#### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

#### SPILL CLEAN UP METHODS

Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

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## 7 HANDLING AND STORAGE

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#### USAGE PRECAUTIONS

Avoid spilling, skin, and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying, and dispensing.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

#### STORAGE CLASS

Unspecified storage.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

Provide adequate ventilation.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

#### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

#### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

#### SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE	Clear liquid
COLOR	Colorless
ODOR	Characteristic
FLASH POINT (°C)	>250

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### 10 STABILITY AND REACTIVITY

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#### STABILITY

Stable under normal temperature conditions.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

#### HAZARDOUS POLYMERISATION

Will not polymerize.

#### MATERIALS TO AVOID

Strong oxidizing substances. Strong acids. Strong alkalis.

#### HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

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### 11 TOXICOLOGICAL INFORMATION

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#### TOXICOLOGICAL INFORMATION

See section-2

#### GENERAL INFORMATION

No specific health warnings noted.

#### INHALATION

No specific health warnings noted.

#### INGESTION

No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

#### SKIN CONTACT

No specific health warnings noted.

#### EYE CONTACT

Spray and vapor in the eyes may cause irritation and smarting.

#### HEALTH WARNINGS

No specific health warnings noted.

#### MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

#### MEDICAL CONSIDERATIONS

Persons with rash are directed to skin expert for examination of allergic eczema.

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### 12 ECOLOGICAL INFORMATION

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#### ECOTOXICITY

Refer to section-2

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### 13 DISPOSAL CONSIDERATIONS

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#### GENERAL INFORMATION

Waste is suitable for incineration.

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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### 14 TRANSPORT INFORMATION

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GENERAL        The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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### 15 REGULATORY INFORMATION

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#### EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40.

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### 16 OTHER INFORMATION

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#### GENERAL INFORMATION

Shelf Life: 24 months when stored within advised conditions.

#### 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.