



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Simethicone USP

30-1382

Section 1: Identification

Product Name Simethicone USP
Commercial Name Not available.
Product Use For professional use only.
Restrictions On Use Not available.

Product Code 30-1382

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Avoid breathing spray. Use only outdoors or in a well-ventilated area
Response	Not available.
Storage	Not available.
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Simethicone
% By Weight 100
CAS# 8050-81-5
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Dimethylpolysiloxane, Antifoam A, DC antifoam A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Simethicone	8050-81-5	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	Move person to fresh air; if effects occur, consult a physician.
Skin Contact	Wash off with plenty of water.
Eye Contact	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
Ingestion	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.

Immediate Medical Attention

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray Alcohol-resistant foam Carbon dioxide (CO₂) Dry chemical

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Carbon oxides Nitrogen oxides (NO_x) Silicon oxides

Firefighters Special Equipment and Precautions

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Follow safe handling advice and personal protective equipment recommendations. Environmental precautions: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Methods and materials for containment and cleaning up: Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbant. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

Section 7: Handling and Storage

Precautions for safe handling: Avoid inhalation of vapour or mist. Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. Conditions for safe storage: Keep in properly labelled containers. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents. Unsuitable materials for containers: None known.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Dow IHG TWA Respirable fraction 0.1 mg/m ³
Engineering Controls	Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Personal Protection

Eye/face protection: Use safety glasses (with side shields). Skin protection Hand protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include; Butyl rubber. Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Examples of acceptable glove barrier materials include: Natural rubber ("latex"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Other protection: Wear clean, body-covering clothing. Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Section 9: Physical and Chemical Properties

Appearance	translucent liquid		
Odor	characteristic		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available
Boiling Point/Range	> 35 °C (> 95 °F)	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Tag closed cup >100 °C (>2'	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.

Solubility(ies)	Not available.		
Other	Relative Density (water = 1)	0.974 Kinematic Viscosity	700 cSt at 25 °C (77 °F)

Section 10: Stability and Reactivity

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Can react with strong oxidizing agents.
Conditions to Avoid	None known.
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Formaldehyde

Section 11: Toxicological Information
RTECS VW6200000

Acute Toxicity

Acute ora! toxicity Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. As product: Single dose oral LD50 has not been determined. LD50, Rat, > 5,000 mg/kg Estimated Acute dermal toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts. As product: The dermal LD50 has not been determined. LD50, Rabbit, > 2,000 mg/kg Acute inhalation toxicity At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material or mist may cause respiratory irritation. The LC50 has not been determined.

Skin Corrosion/Irritation

Brief contact is essentially nonirritating to skin.

Serious Eye Damage/Irritation

May cause slight temporary eye irritation. Corneal injury is unlikely. May cause mild eye discomfort.

Respiratory or Skin Sensitization

Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Eye contact. Ingestion.

Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Available data are inadequate to determine single exposure specific target organ toxicity. Based on available data, i

Section 12: Ecological Information**Ecotoxicity**

Acute toxicity to fish Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). LC50, Danio rerio (zebra fish), 96 Hour, > 1,000 mg/l, OECD Test Guideline 203 Acute toxicity to aquatic Invertebrates EC50, Daphnia magna (Water flea), 48 Hour, > 100 mg/l, OECD Test Guideline 202 Acute toxicity to algae/aquatic plants ErC50, Scenedesmus quadricauda (Green algae), 72 Hour, > 10,000 mg/l, OECD Test Guideline 201 Toxicity to bacteria EC50, > 1,000 mg/l, OECD Test Guideline 209

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section 10 Regulatory Information, MSDS Section 15

Disposal of Container

Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**



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Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 No SARA Hazards Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103 This material does not contain any components with a CERCLA RQ. Pennsylvania Right To Know The following chemicals are listed because of the additional requirements of Pennsylvania law: Components CASRN Siloxanes and silicones, dimethyl 63148-62-9 Hydrophobic amorphous fumed silica 68909-20-6 California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. United States TSCA Inventory (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Other

C.H.I.P. Regulations: Designation: MED-340. Symbol: N/A. Indication of Danger: N/A. Safety Phrases: S3/S7/S8.

Section 16: Other Information

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSit Technology LLC, it is the user's obligation to determine the conditions of safe use of the product. Revision date : 01/12/2015 Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials. NFPA fire hazard : 1 - Must be preheated before ignition can occur. NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.