



# Safety Data Sheet

Section 1: Identification	
Product:	Silicon Dioxide
Product Number:	5060477551189, 5060477551196, 506047551202, 5060477551219, 5060477551233
Product Use	Anticaking agent Flow-promoting agent. Carrier Thickening agent Cosmetics Defoamant
Supplier:	LFA Machines 6601 Will Rogers Boulevard Fort Worth, TX 76140
Phone Number	+1 682-312-0034
Website	www.lfamachines.com
Section 2: Hazards Identification	
Classification of the substance or mixture	Not classified
Label Elements	No symbol
Other Hazards	Not applicable
Section 3: Composition Information on Ingredients	
Component Name	Chemical Abstracts Service (CAS) Numbers
Silicon dioxide, chemically prepared (CAS 112926-00-8 resp. 7631-86-9)	112926-00-8
Content in percent (%)	100%
Section 4: First Aid Measures	
Inhalation	In case product dust is released: Possible discomfort: cough, sneezing Move to fresh air.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention. No information available
Skin Contact	Wash off with plenty of water and soap
Ingestion	Clean mouth with water and drink afterwards plenty of water. After absorbing large amounts of substance / In case of discomfort: Supply with medical care.
Section 5: Firefighting Measures	
Extinguishing Media	Water spray, foam, CO2, dry powder. Adapt fire-extinguishing measures to surroundings
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific Hazards Arising from the Chemical	None known.
Special Protective Equipment/Precautions/Instructions for the Firefighters	Containers can build up pressure if exposed to heat (fire). Cool with water spray. As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear



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<b>Section 6: Accidental Release Measures</b>	
Personal Precautions, Protective Equipment and Emergency Procedures	Use personal protective equipment. Avoid dust formation.
Environmental Precautions	Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, rivers, groundwater or soil. Do not allow entrance in sewage water, soil stretches of water, groundwater, drainage systems.
Spill and Leak Response	Vacuum up immediately. A vacuum cleaner with a high- efficiency filtration system is recommended. To avoid raising dust do not use brooms or compressed air. Collect and place in correctly labelled containers. For disposal see Section 13.
<b>Section 7: Handling and Storage</b>	
Precautions for Safe Handling	Handle in accordance with good industrial hygiene and safety practice. If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used. If workplace exposure limits are exceeded and/or larger amounts are released (leakage, spilling, dust) the indicated respiratory protection should be used. Use with adequate ventilation.
Storage and Handling Practices	Take precautionary measures against static discharges. Keep containers tightly sealed and store in a dry, cool place.
<b>Section 8: Exposure Controls/Personal Protection</b>	
Engineering Controls	No data available.
Personal Protective Equipment – Eye/Face Protection	Safety glasses with side shields In case of dusts: Wear tight-fitting eye protection (e.g. safety goggles)
Personal Protective Equipment – Hand Protection	Additional Information: Wear protective gloves made of the following materials: material, rubber, leather. Additional Information: The data about break through time/strength of material is not valid for undissolved solids/dust.
Personal Protective Equipment – Skin and Body Protection	Safety showers and eye showers should be easily accessible. In order to determine further specifications applicable to the personal protection equipment, a hazard assessment according to the OSHA standards (29 CFR 1910.132) for personal protection equipment (PPE) is recommended before the product is used.
Personal Protective Equipment-Respiratory Protection	A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.
Hygiene Measures	When using, do not eat, drink or smoke. Wash face and/or hands before break and end of work. To ensure ideal skin protection: use super fatted soaps and skin cream for skincare. Wash contaminated clothing before reuse.



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<b>Section 9: Physical and Chemical Properties</b>	
Appearance	Solid
Texture	Powder
Color	White
Odor	Odorless
Boiling Point	Not available
Solubility in Water	> 1 mg/l
pH	Approximate 6.5 at 68 °F/20 °C Method: DIN / ISO 787 / 9 Concentration: 50 g/l Suspension
Melting/Freezing Point	Approximate 3,092 °F/ 1,700 °C
Boiling Point	Not available
Flash point	Not applicable (solid)
Evaporation Rate	Not available
Flammability	Not applicable
Upper/Lower Flammability or Explosion Limits	Not applicable
Vapor Pressure	Approximate 2 g/cm <sup>3</sup> at 68 °F/20 °C
Density	Not available
Relative Density	Not available
Specific Gravity	Not available
Partition Coefficient (n-octanol/water)	Not available
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	> 3,632 °F/> 2,000 °C
Viscosity	Not applicable (solid)
Dust Explosive Properties	Not dust explosive
Other Information	No other information is available currently.
<b>Section 10: Stability and Reactivity</b>	
Reactivity	No dangerous reaction known under conditions of normal use.
Stability	Stable under recommended storage conditions.
Conditions to avoid	No specific hazards are known.
Possibility of Hazardous Reactions	No hazardous reactions are known if properly handled and stored.
Incompatible Materials	None known
Hazardous Decomposition Products	None known



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Section 11: Toxicology Information	
Toxicity Data	Silicosis or other product specific illnesses of the respiratory tract were not observed in association with the product.
Route of Exposure:	Inhalation: Information on effects are given below under Toxicity. Skin contact: Information on effects are given below under Toxicity. Eye contact: Information on effects are given below under Toxicity. Ingestion: Information on effects are given below under Toxicity.
Acute Toxicity:	Oral Product: LD 50, Rat, Female, Male, > 5,000 mg/kg, OECD 401, Based on available data, the classification criteria are not met.  Dermal Product: LD 50, Rabbit, > 5,000 mg/kg, Based on available data, the classification criteria are not met.  Inhalation Product: LC 50, Rat, Female, Male, 4 h, > 5.01 mg/l, OECD 436, Dust and mist ,based on available data, the classification criteria are not met.
Chronic Toxicity	NOAEL Rat, Male, Oral, 28 day, 7 days a week, >= 1,000 mg/kg, No negative effects.
Irritancy	Analogous OECD method, Rabbit, Not irritating, Based on available data, the classification criteria are not met.
Sensitization	Local Lymph Node Assay (LLNA), OECD 429, Mouse, Not a skin sensitizer. Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.
Carcinogenicity Product	Contains no carcinogenic substances as defined by NTP, IARC and/or OSHA. No evidence that cancer may be caused.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans	No carcinogens present or none present in regulated quantities.
ACGIH: US.ACGIH Threshold Limit Values	No carcinogens present or none present in regulated quantities.
US. National Toxicology Program (NTP) Report on Carcinogens:	No carcinogens present or none present in regulated quantities.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)	No carcinogens present or none present in regulated quantities.
Germ Cell Mutagenicity	No evidence of mutagenic effects
In vitro Product	Gene mutation test, OECD 471:, negative gene mutation test, OECD 490:, negative Chromosomal aberration, OECD 473:, negative
In vitro Product	Chromosomal aberration, OECD 475, Oral, Rat, Male, negative
Reproductive toxicity Product	No evidence of reproduction toxic properties
Specific Target Organ Toxicity - Single Exposure	No evidence for hazardous properties
Specific Target Organ Toxicity - Repeated Exposure	No evidence for hazardous properties
Aspiration Hazard Product	Not applicable



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<b>Section 12: Ecological Information</b>	
Ecotoxicity: Acute hazards to the aquatic environment	<p>Fish Product: LC 50, (Brachydanio rerio), 96 h, &gt; 10,000 mg/IOECD 203, The reported toxic effects relate to the nominal concentration.</p> <p>Aquatic Invertebrates product: EC 50, Daphnia magna, 24 h, &gt; 1,000 mg/IOECD 202, The reported toxic effects relate to the nominal concentration.</p> <p>Toxicity to Aquatic Plants Product: EC 50, Desmodesmus subspicatus (green algae), 72 h, &gt; 173 mg/l, OECD 201</p> <p>Toxicity to microorganisms: EC 50, local activated sludge, 3 h, &gt; 2,500 mg/l, OECD 209</p>
Chronic hazards to the aquatic environment:	<p>Fish Product: No data available</p> <p>Aquatic Invertebrates Product: No data available</p> <p>Toxicity to microorganisms: Product: EC 50 , local activated sludge, 3 h, &gt; 2,500 mg/l, OECD 209</p>
Persistence and Degradability:	<p>Biodegradation Product: The methods for determining biodegradability are not applicable to inorganic substances</p> <p>BOD/COD Ratio Product: No data available</p>
Bioaccumulative potential:	<p>Bioconcentration Factor (BCF) Product: Not to be expected.</p> <p>Partition Coefficient n-octanol/water (log Kow) Product: Not applicable</p>
Mobility in soil:	No remarkable mobility in soil is to be expected.
Results of PBT and vPvB assessment:	No data available.
Other adverse effects:	The data we have at our disposal do not necessitate identification concerning environmental hazard.
<b>Section 13: Disposal Considerations</b>	
Disposal	Waste must be disposed of in accordance with federal, provincial and local regulations. Waste must be disposed of in accordance with federal, state, provincial and local regulations.
Contaminated Packaging	Packaging material should be recycled or disposed of in accordance with federal, state and local regulations.



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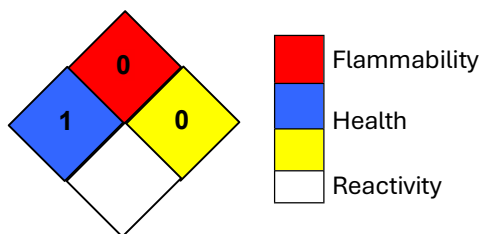
Section 14: Transport Information	
Domestic regulation	<p>49 CFG Not regulated as a dangerous good Remarks: Not dangerous according to transport regulations.</p> <p>International Regulations: UNRTDG: Not regulated as a dangerous good IATA-DGR: Not regulated as a dangerous good IMDG-Code: Not regulated as a dangerous good</p> <p>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. Not applicable for product as supplied.</p>
Section 15: Regulatory Information	
US Federal Regulations:	None present or none present in regulated quantities.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	
US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Proposed Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)	None present or none present in regulated quantities.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended	None present or none present in regulated quantities.
CERCLA Hazardous Substance List (40 CFR 302.4):	None present or none present in regulated quantities.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	Hazard categories Not classified
US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances	None present or none present in regulated quantities.
US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting	None present or none present in regulated quantities.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	None present or none present in regulated quantities.
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)	None present or none present in regulated quantities.
US State Regulations	US. California Proposition 65: No ingredient requiring a warning under CA Prop 65.



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## Section 16: Other Information

### NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Revision #: 1/9/2026

Generation date: 01/9/2026

**Abbreviations and acronyms:** Source: 54 FR 2701

/PEL: Permissible exposure limit:

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC<sub>x</sub> - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL<sub>x</sub> - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC<sub>x</sub> - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC<sub>50</sub> - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC<sub>50</sub> - Lethal Concentration to 50 % of a test population; LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Information: This version replaces all previous versions.



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