

Section 1: Identification

Common Name/Trade Name	SILICA GEL MICRO NF	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	The substance is not classified according to the Globally Harmonized System (GHS).
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	amorphous silicon dioxide, chemically prepared
Common Name	Silica Gel Micronized
CAS Number	7631-86-9
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Supply fresh air; consult doctor in case of complaints.
In Case of Skin Contact	Generally the product does not irritate the skin. Wash with water.
In Case of Eye Contact	Flush opened eye with large quantities of running water for at least 30 minutes. If symptoms occur, consult a doctor.
If Swallowed	Seek medical attention. Do not induce vomiting.
Most Important Symptoms and Effects	No further relevant information available

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use firefighting measures that suit the environment. Dispose of fire debris and contaminated firefighting water in accordance with official regulations.
Special Hazards Arising From the Substance/Mixture	No further relevant information available.
Special PPE and/or Precautions for Firefighters	Wear personal protective equipment.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear protective clothing.
Methods and Materials Used for Containment	Damp down dust with water spray.
Cleanup Procedures	Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7: Handling and Storage

Precautions for Safe Handling	Prevent formation of dust. Keep receptacles tightly sealed. Provide suction extractors if dust is formed. Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal. Take precautionary measures against static discharges.
Conditions for Safe Storage	Protect against electrostatic charges. The product is not flammable. Keep receptacle tightly sealed. Store in dry conditions. This product is hygroscopic.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Components with limit values that require monitoring at the workplace: Component: amorphous silicon dioxide, chemically prepared CAS-No. 7631-86-9 IDLH Short-term value: 3000 mg/m ³ , IDLH: Immediately Dangerous to Life or Health PEL: Long-term value: 80%SiO ₂ mg/m ³ , OSHA TWA for amorphous silica REL: Long-term value: 6 mg/m ³ , NIOSH TWA TLV: Long-term value: 10* 5** mg/m ³ , ACGIH TWA *Total dust **Respirable fraction Valid lists at time of creation were used as basis.
Appropriate Engineering Controls	The usual precautionary measures for handling chemicals should be followed.
PPE - Eye/Face Protection	Safety glasses.
PPE - Skin Protection	Wear gloves for the protection against mechanical hazards. Use gloves of stable material (e.g. Nitrile). Check protective gloves prior to each use for their proper condition. Check the permeability prior to each new use of the glove. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Material of gloves: Butyl rubber, BR, Nitrile rubber, NBR. Recommended thickness of the material: >=0.11 mm. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
PPE - Body Protection	Protective work clothing.
PPE - Respiratory Protection	Protective work clothing.

Section 9: Physical and Chemical Properties

Appearance	White Powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless.
Vapor Pressure	No data available
Odor Threshold	Not available
Vapor Density	No data available
pH	pH-value at 20°C (68°F): 4.0-9.0
Relative Density	Density at 20°C (68°F): 2.17-2.20 g/cm ³ (18.109-18.359 lbs/gal)
Melting Point/Freezing Point	Melting point/range: > 1,700 °C (>3092°F)
Solubility	Slightly soluble in water.
Initial Boiling Point and Boiling Range	1700 °C (3092 °F)
Flash Point	No data available
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Product is not flammable.
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	No decomposition if used according to specifications.
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	No further relevant information available.
Incompatible Materials	No further relevant information available
Hazardous Decomposition Products	No dangerous decomposition products known.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral, LD50 >5000 mg/kg (rat) (OECD 401)
Acute Toxicity - Inhalation	Inhalative, LC0 >140->2000 mg/m3/4h (rat) (OCED 403) Maximum attainable concentration, mortality does not appear.
Acute Toxicity - Dermal	Dermal, LD50 >6000 mg/kg (rabbit) (no guidance available)
Acute Toxicity - Eye	Irritation of eyes IS 0 (rabbit) (OECD 405)
Skin Corrosion/Irritation	Irritation of skin IS 0 (rabbit) (OECD 404)
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No further relevant information available.
Germ Cell Mutagenicity	AMES Test: >5mg/plate (in-vitro) (OECD 471) negative, with and without metabolic activation ECHA 2012
Carcinogenicity IARC	3
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Substance is not listed.
Carcinogenicity OSHA	Substance is not listed
Reproductive Toxicity	Oral NOAEL (material toxicity) 1350 mg/kg bw/day (rat) (OECD 414) NOAEL (teratogenicity) 1350 mg/kg bw/day (rat) (OECD 414)
Specific Target Organ Toxicity - Single Exposure	No further relevant information available
Specific Target Organ Toxicity - Repeated Exposure	No further relevant information available
Aspiration Hazard	No further relevant information available

Section 12: Ecological Information

Toxicity	Fish toxicity: LC0 (96 h) (static) 10000 mg/l (zebra fish) (OECD 203) Water flea toxicity: EC50 (24 h): > 1000 mg/l (Daphnia magna) (OECD 202) Algae toxicity: EC50 (72h) >10000 mg/l (Scenedesmus subspicatus) (OECD 201) comparable substance
Persistence and Degradability	No further relevant information available.
Bio-accumulative Potential	Does not accumulate in organisms.
Mobility in Soil	No further relevant information available
Other Adverse Effects	No further relevant information available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal must be made according to official regulations.
Waste Treatment Methods Packaging	Whatever cannot be saved for recovery or recycling should be managed by an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	No data available

Section 15: Regulatory Information

SARA 302/304: Substance is not listed. SARA 313 Substance is not listed. TSCA: Substance is listed. Proposition 65 Chemicals known to cause cancer, Chemicals known to cause reproductive toxicity for females, chemicals known to cause reproductive toxicity f or males, chemicals known to cause developmental toxicity: Substance is not listed. Carcinogenic categories: EPA Substance is not listed. TLV Substance is not listed. NIOSH-Ca Substance is not listed. Canadian DSL 7631-86-9 amorphous silicon dioxide, chemically prepared, Canadian NDSL Substance is not listed. European EINECS Substance is listed. Philippines Inventory of Chemicals and Chemical Substances PICCS Substance is listed. Inventory of Existing Chemical Substances manufactured or imported in China IECSC Substance is listed. Australia Inventory of Chemical Substances AICS Substance is listed. Existing and New Chemical Substances List ENCS 7631-86-9 amorphous silicon dioxide, chemically prepared 1-548. Korean Existing Chemical Inventory KECI 7631-86-9 amorphous silicon dioxide, chemically prepared KE-31032. New Zealand Inventory (ERMA) All ingredients are listed. GHS label elements: None. Hazard pictograms: None. Signal word: None. Hazard statements: None.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
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