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SAFETY DATA SHEET

Azomite

Section 1. Identification

GHS product identifier : Azomite
Product type : solid

Uses

Area of application : Not Applicable

Supplier

Supplier's details : Greenway Biotech, Inc.

Address

Street : 10632 Painter Ave
Postal code : 90670
City : Santa Fe Springs
Country : United States

Telephone number : +1 562-351-5168

e-mail address of person responsible for this SDS : sales@greenwaybiotech.com

Emergency telephone number (with hours of operation) : US: Chemtrec 24-hours Emergency Response: 1-800-424-9300
Canada: 24 Hour Emergency Service, (Canutec 613-996-6666)

National advisory body/Poison Center

Name : The National Poisons Emergency number
Telephone number : 1 800 222 1222

Section 2. Hazards identification

Classification in accordance with 29 CFR 1910.1200.

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

GHS LABEL ELEMENTS

Symbol(s) : None needed according to classification criteria.
Signal word : None needed according to classification criteria
Hazard Statement(s) : None needed according to classification criteria
Precautionary Statement(s) :
Prevention : None needed according to classification criteria.
Response : None needed according to classification criteria.
Storage : None needed according to classification criteria.

Disposal : **P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3. Composition/information on ingredients

Component	CAS-Number	% Content
Silicic acid, aluminum calcium sodium salt	7758-99-8	100

Component Related Regulatory Information: This product may be regulated, have exposure limits or other information identified as the following: Particulates not otherwise classified (PNOC).

Section 4. First aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Ingestion: Call a poison center or doctor/physician if you feel unwell.

Most Important Symptoms/Effects

Acute: Mechanical irritation

Delayed: No information on significant adverse effects.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media: None know.

Hazardous Combustion Products: Combustion: miscellaneous decomposition products.

Special Protective Equipment and Precautions for Firefighters: Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

Fire Fighting Measures: Avoid inhalation of material or combustion by-products. Move material from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Do not scatter spilled material with high-pressure water streams. Stay upwind and keep out of low areas.

Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6. Accidental release measures

Personal Precautions, Protective equipment and Emergency Procedures: Avoid breathing dust. Wear personal protective clothing and equipment, see section 8.

Methods and Materials for Containment and Cleaning Up: Absorb with sand or other non-combustible material. Shovel or sweep up. Collect spilled material in appropriate container for disposal.

Section 7. Handling and storage

Precautions for safe Handling: Use methods to minimize generation of dust. Routine house keeping should be instituted to insure that dusts do not accumulate on surfaces. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear personal protective clothing and equipment.

Conditions for Safe Storage, including any including any Incompatibilities: Store and handle in accordance with all current regulations and standards. Store in a cool, dry place. Keep away from incompatible materials.

Incompatibilities: Acids

Section 8. Exposure controls / personal protection

Component Exposure Limits:

ACGIH: 10 mg/m³ TWA (inhalable particles, recommended); 3 mg/ m³ TWA (respirable particles, recommended. related to particulates not otherwise classified (PNOC)

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction, related to Particulates not otherwise classified (PNOC)

Appropriate Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls are the preferred means for controlling exposures. Do not breath dust. Observe good hygiene and safety practices when handling this product.

Individual protection measures, Such as personal protective equipment

Eyes/Face Protection: If eye contact is likely, wear chemical resistant safety goggle.

Skin Protection: Wear appropriate chemical resistant clothing. Always use good hygiene measures.

Glove Recommendations:

Wear appropriate chemical resistant gloves.

Respiratory Protection: Approved respirators should be worn when airborne concentrations are expected to exceed occupation exposure limits.

If respirable dusts are generated, respiratory protection may be needed.

Section 9. Physical and chemical properties

Physical State	:	Solid
Color	:	Tan to pink
Odor	:	Odorless

pH	:	8.0
Boiling Point	:	Not available
Decomposition	:	Not available
UEL	:	Not available
Vapor Density (air=1)	:	Not available
Specific Gravity (water=1)	:	0.75
Log KOW	:	Not available
Auto Ignition	:	Not available
Molecular Formula	:	NaK2Ca5A13Si210706H20
Melting Point	:	Not available
Flash Point	:	Not applicable
LEL	:	Not available
Vapor Pressure	:	0 mmHg
Density	:	Not available
Water Solubility	:	<1%
Coeff. Water/Oil Dust	:	Not available
Viscosity	:	Not available

Section 10. Stability and Reactivity

Reactivity: No reactivity hazard is expected.

Chemical Stability: Stable at standard temperatures and pressure.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Avoid generating dust. Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials. Avoid contact with acids.

Incompatible Materials: Acids.

Hazardous Decomposition Combustion: Miscellaneous decomposition products.

Section 11. Toxicological information

Acute Toxicity: May cause irritation to respiratory tract, skin, and eyes. Repeated exposure to dust may cause lung damage.

Component Analysis – LD50/LC50: The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Information on likely routes of exposure

Inhalation: May cause irritation to respiratory tract. Repeated exposure to dust may cause lung damage.

Ingestion: May cause irritation to gastrointestinal tract.

Skin Contact: May cause irritation of the skin.

Eye Contact: May cause irritation on significant adverse effects.

Delayed Effects: No information on significant adverse effects.

Medical Conditions Aggravated by exposure: No data available.

Irritation/Corrosivity Data: Mechanical irritation may occur.

Respiratory Sensitization: No information available for the product.

Dermal Sensitization: No information available for the product.

Germ Cell Mutagenicity: No information available for the product.

Carcinogenicity

Component Carcinogenicity: None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA.

Reproductive Toxicity: No information available for the product.

Specific Target Organ Toxicity – Single Exposure: No target organs identified.

Specific Target Organ Toxicity – Single Exposure: No target organs identified.

Aspiration Hazard: Not applicable.

Section 12. Ecological Information

Ecotoxicity: No information available for the product.

Component analysis – Aquatic Toxicity: No LOLI ecotoxicity data are available for this product's components.

Persistence and Degradability: No information available for this product's components.

Bioaccumulation: No information available for the product.

Mobility: No information available for the product

Biodegradation: No information available for the product

Section 13. Disposal Considerations

Disposal Methods: Recycle if possible. Dispose in accordance with all applicable regulations.

Disposal of Contaminated Packaging: Reuse or recycle if possible. dispose in accordance with all applicable regulations.

Section 14. Transportation Information

Transportation Information: Not regulated as dangerous goods.

US DOT Information: Not regulated as a hazardous material.

TDG Information: Not regulated as dangerous goods.

Section 15. Regulatory information

U.S. Federal Regulations: None of this products components are listed under SARA Section 302 (40

CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21) SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA 311/312 Hazardous Categories

Acute Health: No

Chronic Health: No

Fire: No

Pressure: No

Reactive: No

U.S. State Regulations: None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA. Not regulated under California Proposition 65.

Component Analysis - Inventory

Component: Silicic acid, aluminum calcium sodium salt. **CAS:** 1344-01-0

US: Yes

CA: DSL

EU: EIN

AU: Yes

PH: No

JP: Yes

KR: Yes

CN: Yes

NZ: Yes

Section 16. Other information

NFPA Ratings:

Health:1

Fire:1

Reactivity:0

Hazard Scale: 0=minimal 1=slight 2=moderate 3=serious 4=severe

Key / Legend

ACGIH – American Conference of Governmental Industrial Hygienists; ADR – European Road Transport; CAS No. – Chemical Abstract Service Registry Number; EEC – European Economic Community; EIN (EINECS) – European Inventory of existing Commercial and Chemical Substances; ELN (ELNCS) – European List of notified chemical substances; IARC – International Air Transportation; Association; IBC Code – International Bulk Chemical Code; ICAO – International Civil Aviation Organization; IMDG – International Maritime Dangerous goods; Kow - Octanol/ water partition coefficient; LC50 – Lethal Concentration, 50%; LD50 – Lethal dose, 50 % LEL – Lower Explosive Limit; NIOSH – National Institute for occupational Safety and Health; NTP – National Toxicology Program; RID – European Rail Transport; STEL – Short-term Exposure Limit; TWA – Time Weighted Average; UEL – Upper Explosive Limit.

Other Information:

Disclaimer: Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

