Safety Data Sheet

Product Identifier: AZOMITE® **SDS ID: AZO-001_US**

* * *Section 1 - IDENTIFICATION* * *

Product Identifier:

AZOMITE®

Synonyms

HSCAS

Recommended Use

Anti-Caking Agent, Soil Remineralizer

Restrictions on Use

None known.

Manufacturer Information

AZOMITE Mineral Products, Inc.
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Nephi, UT 84648

Phone: +1-435-623-8007
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Emergency # +1-801-318-0939

* * *Section 2 - HAZARD(S) 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* * *

CAS	Component	Percent
1344-01-0	Sodium Calcium Aluminosilicate, Hydrated also listed as Silicic acid, aluminum calcium sodium salt	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* * *

Description of Necessary 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 advice/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.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

* * *Section 5 - FIRE-FIGHTING MEASURES* * *

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

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 housekeeping should be instituted to ensure 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 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

Sodium Calcium Aluminosilicate, Hydrated also listed as Silicic acid, aluminum calcium sodium salt **(1344-01-0)**

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 to keep airborne levels to a minimum. General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures. Do not breathe 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 goggles.

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	**Appearance:**	tan to pink solid
Color:	tan to pink	**Physical Form:**	solid
Odor:	odorless	**Odor Threshold:**	Not available
pH:	8.0	**Melting Point:**	Not available
Boiling Point:	Not available	**Flash Point:**	Not applicable
Decomposition:	Not available	**LEL:**	Not available
UEL:	Not available	**Vapor Pressure:**	0 mmHg
Vapor Density (air = 1):	Not available	**Density:**	Not available
Specific Gravity (water = 1):	0.75	**Water Solubility:**	<1 %
Log KOW:	Not available	**Coeff. Water/Oil Dist:**	Not available
Auto Ignition:	Not available	**Viscosity:**	Not available
Molecular Formula:	NaK2Ca5A13Si21O706H2O		

Other Property Information

No additional information is 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 of the eyes.

Immediate Effects

No information 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 - Repeated 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 the product.

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 - TRANSPORT 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	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Sodium Calcium Aluminosilicate, Hydrated also listed as Silicic acid, aluminum calcium sodium salt	1344-01-0	Yes	DSL	EIN	Yes	No	Yes	Yes	Yes	Yes

* * *Section 16 - OTHER INFORMATION* * *

Summary of Changes

New SDS: 05 September 2014

Revision 1.1000a: added both CAS definitions

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 Chemical Substances; ELN (ELINCS) - European List of Notified Chemical Substances; IARC - International Agency for Research on Cancer; IATA - International Air Transport 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.

End of Sheet AZO-001_US