



**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product name:** Silver Mica

**1.2 Product code:** 504-248X

**1.3 Supplier:**

Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://www.TheSage.com)

**1.4 Emergency telephone number**

No additional information available

**SECTION 2: Hazards Identification**

***According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200***

**2.1 Classification of the product**

No need for classification according to GHS criteria for this product.

**2.2 Label elements**

The product does not require a hazard warning label in accordance with GHS criteria.

**2.3 Hazards not otherwise classified**

No specific dangers known, if the regulations/notes for storage and handling are considered.

***According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200***

**2.4 Emergency Overview**

WARNING:

May cause cancer by inhalation

Contains a suspect carcinogen

Prolonged or repeated exposure may cause pulmonary problems.

### SECTION 3: Composition/information on ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

This product does not contain any components classified as hazardous under the referenced regulation.

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

CAS Number	Content (W/W)	Chemical Name
12001-26-2	76.0 - 87.0%	Mica-group minerals
13463-67-7	13.0 - 24.0%	Titanium dioxide

*This product contains:*

CAS Number	Content (W/W)	Chemical Name
13463-67-7	13.0 - 24.0%	Titanium dioxide

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice	Remove contaminated clothing.
If inhaled	If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.
If on skin	Wash thoroughly with soap and water. If irritation develops, seek medical attention.
If in eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek immediate medical attention.
If swallowed	Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	The most important known symptoms and effects are described in the labeling (see Section 2) and/or in Section 11.
Hazards	No hazard is expected under intended use and appropriate handling.

#### 4.3 Indication of any immediate medical attention and special treatment needed

##### Note to physician

Treatment	Treat according to symptoms (decontamination, vital functions), no known specific antidote.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Additional Information: Use extinguishing measures to suit surroundings.

### 5.2 Special hazards arising from the substance or mixture

Hazards during fire-fighting: No particular hazards known.

### 5.3 Advice for fire-fighters

Protective equipment for fire-fighting: Wear a self-contained breathing apparatus.

### 5.4 Further information

Product itself is non-combustible; fire extinguishing method surrounding areas must be considered.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

### 6.2 Environmental precautions

Do not empty into drains. This product is not regulated by RCRA. This products is not regulated by CERCLA ('Superfund').

### 6.3 Methods and material for containment and cleaning up

For small amounts	Pick up with suitable appliance and dispose of.
For large amounts	Pick up with suitable appliance and dispose of.

Spills should be contained and place in suitable containers for disposal.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Avoid contact with skin, eyes and clothing.

Avoid dust formation. Closed containers should only be opened in well-ventilated areas.

Protection against fire and explosion: No special precautions necessary.

See MSDS Section 5 - Fire fighting measures. Prevent electrostatic charge

accumulation.

## 7.2 Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE).

Further information on storage conditions: Keep in a cool place. Keep container dry.

## SECTION 8: Exposure controls/personal protection

### 8.1 Components with occupational exposure limits

Titanium dioxide

OSHA PEL

PEL 15mg/m<sup>3</sup> Total dust; TWA value 10mg/m<sup>3</sup> Total dust

ACGIH TLV

TWA value 10/mg/m<sup>3</sup>

Mica-group minerals

OSHA PEL

TWA value 20 millions particles per cubic foot of air; TWA value 3mg/m<sup>3</sup> Respirable dust; TWA value 20 millions of particles per cubic foot of air

ACGIH TLV

TWA value 3mg/m<sup>3</sup> Respirable fraction

### 8.2 Personal protective equipment

Respiratory protection

Observe OSHA regulations for respirator use (29 CFR 1910.134). Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection

Chemical resistant protective gloves

Eye protection

Safety glasses with side-shields

Body protection

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Due to the coloring properties of the product closed work clothes should be used to avoid stains during manipulation. Hands and/or face should be washed before breaks and at the end of the shift. Wash soiled clothing immediately.

## SECTION 9: Physical and chemical properties

### 9.1 Physical and Chemical Properties

Form	powder
Odor	odorless
Odor threshold	not determined
Color	off-white with pearly reflection
pH value	7 - 11 (40 g/l, 20°C) (DIN EN ISO 787-9)
Melting temperature	>1000°C The substance/product decomposes
Boiling point	Not applicable, solid with a melting temperature over 300°C
Flash point	Study does not need to be conducted
Flammability	Not flammable
Flammability of Aerosol products	Not applicable, the product does not form flammable aerosols
Lower explosion limit	Study does not need to be conducted
Upper explosion limit	Study does not need to be conducted
Autoignition	Study does not need to be conducted
Vapor pressure	Not applicable
Density	3.2 kg/l (20°C)
Relative density	3.2
Bulk density	140 kg/m <sup>3</sup>
Vapor density	The product is a non-volatile solid
Partitioning coefficient n-octanol/water (log POW)	Study does not need to be conducted
Self-ignition temperature	Not self-igniting
Thermal decomposition	No decomposition if stored and handled as prescribed/indicated
Viscosity, dynamic	Study does not need to be conducted
Viscosity, kinematic	Not applicable, the product is a solid
Particle size	D10 15µm D50 34µm D90 65µm
Solubility in water	insoluble
Evaporation rate	The product is a non-volatile solid
Other information	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals  
Oxidizing properties

No corrosive effect on metal  
No fire-propagating

## 10.2 Chemical stability

The product is chemically stable

## 10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions. The product is chemically stable. Hazardous polymerization will not occur.

## 10.4 Conditions to avoid

Avoid dust formation. Avoid deposition of dust. No special precautions other than good housekeeping of chemicals. See MSDS Section 7 - Handling and storage.

## 10.5 Incompatible materials

No substance known that should be avoided

## 10.6 Hazardous decomposition products

### Decomposition products

Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition

No decomposition if stored and handled as prescribed/indicated.

## SECTION 11: Toxicological information

### 11.1 Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

### 11.2 Acute Toxicity/Effects

Acute Toxicity      Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

*Information on: Titanium dioxide*

*Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.*

Oral

Type of value: LD50, Species: rat, Value: >2000 mg/kg, The product has not been tested. The statement has been derived from the properties of the individual components.

Inhalation	Type of value: LC50, not determined
Dermal	Type of value: LD50, not determined
Irritation/corrosion	Assessment of irritating effects: Inhalation of dust may cause respiratory tract irritation, coughing, and breathing difficulties. Contact with the eyes or skin may cause mechanical irritation.
Skin	May cause mechanical irritation
Eye	May cause mechanical irritation
Aspiration hazard	No aspiration hazard expected

### 11.3 Chronic Toxicity/Effects

#### Repeated dose toxicity

Assessment of repeated dose toxicity: Prolonged or repeated exposure may cause pulmonary problems. The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: Mica-group minerals*

*Assessment of repeated dose toxicity: Chronic exposures have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease).*

#### Genetic toxicity

Assessment of mutagenicity: No data was available concerning mutagenic activity. The chemical structure does not suggest a specific alert for such an effect.

#### Carcinogenicity

*Information on: Titanium dioxide*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has been classified this substance as group 2B (The agent is possible carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalation exposure to high concentrations which cause sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

#### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

#### Teratogenicity

Assessment of teratogenicity: No data was available concerning toxicity to development.

### Other information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components. The product has been assessed on the basis of the components' available data. To some extent data gaps exist for individual components. According to our present knowledge and experience dangers which are not covered by the current labeling are not to be expected.

### 11.4 Symptoms of Exposure

The most important known symptoms and effects are described in the labeling (see Section 2) and/or Section 11.

### Medical conditions aggravated by overexposure

Inhalation of dust could aggravate existing respiratory conditions.

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity	Assessment of aquatic toxicity: At the present state of knowledge, no negative ecological effects are expected.
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Toxicity to fish	LC50 > 100 mg/l
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Chronic toxicity to fish	No data available
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Chronic toxicity to aquatic invertebrates	No data available
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### 12.2 Microorganisms/Effect on activated sludge

Toxicity to microorganisms	EC0: > 10 mg/l
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### 12.3 Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O)

The colorant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant.

### 12.4 Additional Information

Other ecotoxicological advice: The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The product has not been tested. The statement has been derived from the properties of the individual components.

## SECTION 13: Disposal considerations



### 13.1 Waste disposal of substance

Must be disposed of or incinerated in accordance with local regulations. Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. This product does not possess any of the four identifying characteristics of hazardous waste (ignitability, corrosivity, reactivity, or toxicity).

### 13.2 Container disposal

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

## SECTION 14: Transport information

### 14.1 Transportation Information

#### Land transport

USDOT Not classified as a dangerous good under transport regulations.

#### Sea transport

IMDG Not classified as a dangerous good under transport regulations.

#### Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations.

## SECTION 15: Regulatory information

### 15.1 Federal Regulations

Registration status

Cosmetic

TSCA, US released/exempt

EPCRA 311/312 (Hazard categories)

Acute

### 15.2 State Regulations

#### State RTK

MA, NJ, PA

MA, NJ, PA

#### CAS Number

12001-26-2

13463-67-7

#### Chemical Name

Mica-group minerals

Titanium dioxide

#### CA Proposition 65

WARNING: This product contains chemical(s) known to the State of California to cause cancer.

**NFPA Hazard Codes**

Health: 1    Fire: 0    Reactivity: 0

**HMIS III Rating**

Health: 1    Flammability: 0    Physical Hazard: 0

**SECTION 16: Other information****Notes:**

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.