

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Allantoin
Product Code: 514-240X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available.

SECTION 2: Hazards Identification

- 2.1 GHS Classification**
Combustible dust.
- 2.2 GHS Label Elements**
- | | |
|----------------------------------|--|
| Signal Word: | Warning. |
| Hazard Statements: | May form combustible dust concentrations in air. |
| Precautionary Statements: | Keep dust/air mixtures away from ignition sources. |
- 2.3 Hazards Not Otherwise Classified (HNOC)**
None known.

SECTION 3: Composition/Information on Ingredients

3.1 Substance/Mixture

Substance.

3.2 Hazardous Components

No hazardous ingredients.

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General Advice:	No hazards which require special first aid measures.
Inhalation:	If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
Skin Contact:	First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
Eye Contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Ingestion:	Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persists, call a physician.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms: No symptoms known or expected.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians: No hazards which require special first aid measures.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray or foam.

Unsuitable: None listed.

5.2 Specific Hazards Arising From the Chemical

Organic dusts at sufficient concentration can form explosive mixtures in air. Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous Combustion Products: Carbon Dioxide and Carbon Monoxide.

5.3 Protective Equipment and Precautions for Firefighters

Product is compatible with standard fire-fighting agents. Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. Avoid breathing dust. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and Material for Containment and Cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

6.4 Other Information

Comply with all applicable federal, state, and local regulations.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Avoid dust formation. Smoking, eating, and drinking should be prohibited in the application area. For person protection see Section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: No smoking. Electrical installations/working materials must comply with the technological safety standards.

Incompatible Materials: No material to be especially mentioned.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Appropriate Engineering Controls

Provide appropriate exhaust ventilation at places where dust is formed. General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

8.3 Individual Protection Measures, Such as Personal Protective Equipment

Respiratory Protection: No personal respiratory protective equipment normally required.

Eye/Face Protection: Safety glasses.

Skin/Body Protection: Wear safety shoes and resistant gloves as appropriate.

Hygiene Measures: Avoid breathing dust.

SECTION 9: Physical and Chemical Properties
--

9.1 Information on Basic Physical and Chemical Properties

Physical State:	Solid
Appearance:	Crystalline, powder
Color:	White
Odor:	Characteristic
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>
pH:	No information available
Melting/Freezing Point:	819-835°F / 437-446°C
Boiling Point/Range:	No information available
Flash Point:	Not applicable
Evaporation Rate:	No information available
Flammability (solid, gas):	No information available
Flammability Limit in Air	
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Relative Density:	No information available
Water Solubility:	5.2 g/l
Solubility in Other Solvents:	No information available
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Kinematic Viscosity:	No information available
Dynamic Viscosity:	No information available
Explosive Properties:	No information available
Oxidizing Properties:	No information available

9.2 Other Information

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available
Density:	No information available
Bulk Density:	No information available
Volatility:	No information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

Product will not undergo hazardous polymerization.

10.4 Conditions to Avoid

Keep away from heat, flame, sparks and other ignition sources.

10.5 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Product Information:	No data available.
Inhalation:	No data available.
Eye Contact:	No data available.
Skin Contact:	No data available.
Ingestion:	No data available.

11.2 Information on Toxicological Effects

Symptoms:	No information available.
------------------	---------------------------

11.3 Delayed, Immediate Effects, Chronic Effects from Short & Long-term Exposure

Acute Toxicity:	Not classified based on available information.
Skin Corrosion/Irritation:	Not classified based on available information.
Serious Eye Damage/Irritation:	Not classified based on available information.
Product Remarks:	Unlikely to cause eye irritation or injury. Product dust may be irritation to eyes, skin and respiratory system.

Respiratory/Skin Sensitization:

Skin Sensitization:	Not classified based on available information.
Respiratory Sensitization:	Not classified based on available information.
Germ Cell Mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by IARC.
OSHA:	No component of this product present as levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive Toxicity:	Not classified based on available information.
STOT - Single Exposure:	Not classified based on available information.
STOT - Repeated Exposure:	Not classified based on available information.
Aspiration Toxicity:	Not classified based on available information.

SECTION 12: Ecological Information

12.1 Ecotoxicity

Not classified based on available information.

12.2 Persistence and Degradability

No information available.

12.3 Bioaccumulation

No information available.

12.4 Other Adverse Effects

No information available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of Wastes:	Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated Packaging:	Empty remaining contents. Do not reuse container.

SECTION 14: Transport Information

14.1 DOT	Not regulated.
14.2 ICAO (air)	Not regulated.
14.3 IATA	Not regulated.
14.4 IMDG	Not regulated.

SECTION 15: Regulatory Information

15.1 International Inventories

TSCA:	On TSCA Inventory.
DSL:	All components of this product are on the Canadian DSL.
AICS:	On the inventory, or in compliance with the inventory.
ENCS:	On the inventory, or in compliance with the inventory.
KECL:	On the inventory, or in compliance with the inventory.
PICCS:	On the inventory, or in compliance with the inventory.
IECSC:	On the inventory, or in compliance with the inventory.

Legend

TSCA:	United States Toxic Substance Control Act Section 8(b) Inventory
DSL:	Canadian Domestic Substances List
AICS:	Australian Inventory of Chemical Substances
ENCS:	Japan Existing and New Chemical Substances
KECL:	Korean Existing and Evaluated Chemical Substances
PICCS:	Philippines Inventory of Chemicals and Chemical Substances
IECSC:	China Inventory of Existing Chemical Substances

15.2 US Federal Regulations

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 304

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA

This material does not contain any components with a CERCLA RQ.

15.3 U.S. State Regulations

California Proposition 65

This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

16.1 NFPA Rating

Health Hazards:	0
Flammability:	1
Instability:	0
Physical and Chemical Properties:	-

16.2 HMIS Rating

Health Hazards:	0
Flammability:	0
Physical Hazards:	0
Personal Protection:	-

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.