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

1.1 Product name: Allantoin
1.2 Product code: 514-240X

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

1.4 Emergency telephone number
No additional information available

SECTION 2: Hazards Identification

2.1 GHS Classification
Combustible dust

2.2 GHS Label Element
Signal word Warning
Hazard statements May form combustible dust concentrations in air

2.3 Other Hazards
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 First Aid Measures

<table>
<thead>
<tr>
<th>General</th>
<th>No hazards which require special first aid measures.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>If breathed in, move person into fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Remove contact lenses. Protect unharmed eye.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.</td>
</tr>
<tr>
<td>Most important symptoms and effects, both acute and delayed</td>
<td>No symptoms known or expected</td>
</tr>
<tr>
<td>Notes to physician</td>
<td>No hazards which require special first aid measures.</td>
</tr>
</tbody>
</table>

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing media

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

5.2 Specific hazards during firefighting

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.

5.3 Hazardous combustion products

Carbon dioxide and carbon monoxide

5.4 Specific extinguishing methods

Product is compatible with standard fire-fighting agents.

5.5 Further information

Standard procedure for chemical fires
5.6 Special protective equipment for firefighters
In the even 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 materials 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 Advice on safe handling
Avoid dust formation. Smoking, eating and drinking should be prohibited in the application area. For personal protection see Section 8.

7.2 Conditions for safe storage
No smoking. Electrical installations/working materials must comply with the technological safety standards.

7.3 Materials to avoid
No materials to be especially mentioned.

SECTION 8: Exposure controls/personal protection

8.1 Components with workplace control parameters
Engineering measures
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.
8.2 Personal protective equipment

Respiratory protection  No personal respiratory protective equipment normally required.

Eye protection  Safety glasses

Skin/body protection  Wear appropriate safety shoes. Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures  Avoid breathing dust.

SECTION 9: Physical and chemical properties

9.1 Information on main physical and chemical properties

Appearance  crystalline, powder
Physical state  solid
Color  White
Odor  Characteristic
Odor threshold  No data available
pH  No data available
Melting/freezing point  819-835°F / 437-446°C
Boiling point/range  No data available
Flash point  Not applicable
Evaporation rate  No data available
Flammability (solid, gas)  No data available
Upper explosion limit  No data available
Lower explosion limit  No data available
Vapor pressure  No data available
Relative vapor density  No data available
Density  No data available
Solubility(ies)
Water solubility  5.2 g/l
Solubility in other solvents  No data available
Partition coefficient: n-octanol/water  No data available
Thermal decomposition  No data available
Viscosity
Viscosity, dynamic  No data available
Viscosity, kinematic  No data available
Oxidizing properties  No data 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 be avoided
Keep away from heat, flame, sparks and other ignition sources.

10.5 Hazardous decomposition product
No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on likely routes of exposure
Inhalation, skin contact, eye contact, and ingestion.

11.2 Acute toxicity
Not classified based on available information.

11.3 Skin corrosion/irritation
Not classified based on available information.

11.4 Serious eye damage/eye irritation
Not classified based on available information

   Product
   Remarks: Unlikely to cause eye irritation or injury. Product dust may be irritating to eyes, skin and respiratory system.

11.5 Respiratory or skin sensitization
Skin sensitization Not classified based on available information
Respiratory sensitization Not classified based on available information

11.6 Germ cell mutagenicity
Not classified based on available information

11.7 Carcinogenicity
Not classified based on available information
11.8 Reproductive toxicity
Not classified based on available information

11.9 STOT - single exposure
Not classified based on available information

11.10 STOT - repeated exposure
Not classified based on available information

11.11 Aspiration toxicity
Not classified based on available information

11.12 Further information
Product
Remarks: No data available

Carcinogenicity
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 at 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.

12.1 Ecotoxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available
12.5 Other adverse effects
No data available

Product
Additional ecological information: No data available

SECTION 13: Disposal considerations

13.1 Disposal methods
General advice Dispose of in accordance with all applicable local, state and federal regulation.
Contaminated packaging Empty remaining contents.

SECTION 14: Transport information

14.1 International transport regulations
US DOT-Road Not dangerous goods
US DOT-Rail Not dangerous goods
US DOT-Inland waterways Not dangerous goods
Transport Canada-Road Not dangerous goods
Transport Canada-Rail Not dangerous goods
Transport Canada-Inland waterways Not dangerous goods
International Maritime Dangerous Goods
International Air Transport Not dangerous goods
Association-Cargo
International Air Transport Not dangerous goods
Association-Passenger
Mexican Regulation for the Land Not dangerous goods
Transport of Hazardous Materials and Wastes

ORM = ORM-D, CBL = Combustible Liquid

Dangerous goods descriptions (if indicated above) may not reflect quantity, end use or region specific exceptions that can be applied. Consult shipping document for descriptions that are specific to the shipment.
SECTION 15: Regulatory information

15.1 Regulation Information

SARA 311/312 Hazards
Fire hazard

SARA 313: Component(s)
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.

Pennsylvania Right to Know
Urea, N-(2,5-dioxo-4-imidazolidinyl)- 97-59-6 90.00-100.00%

New Jersey Right to Know
Urea, N-(2,5-dioxo-4-imidazolidinyl)- 97-59-6 90.00-100.00%

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

15.2 The components of this product are reported in the following inventories

TSCA  On TSCA Inventory
DSL  All components of this product are on the Canadian DSL
AUSSTR  On the inventory, or in compliance with the inventory
NZIOC  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

Inventories
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECL (Korea), NZIOC (New Zealand), PICCS (Philippines), TSCA (USA).

SECTION 16: Other information

NFPA  Health-1  Flammability-1  Instability-0
HMIS III  Health-1  Flammability-1  Physical Hazard-

NFPA Flammable and Combustible Liquid Classification
Not applicable

Full text of H-Statements referred to under Section 2 and 3.
List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet:

- ACGIH: American Conference of Industrial Hygienists
- BEI: Biological Exposure Index
- CAS: Chemical Abstracts Service (Division of the American Chemical Society)
- CMR: Carcinogenic, Mutagenic or Toxic for Reproduction
- FG: Food Grade
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- H-Statement: Hazard Statement
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulation by the “International Air Transport Association” (IATA)
- ICAO: International Civil Aviation Organization
- ICAO-TI (ICAO): Technical Instructions by the “International Civil Aviation Organization”
- IMDG: International Maritime Code for Dangerous Goods
- ISO: International Organization for Standardization
- logPow: Octanol-water Partition Coefficient
- LCxx: Lethal Concentration, for xx percent of test population
- LDxx: Lethal Dose, for xx percent of test population
- ICxx: Inhibitory Concentration, for xx of a substance
- ECxx: Effective Concentration of xx
- N.O.S: Not otherwise Specified
- OECD: Organization for Economic Co-operation and Development
- OEL: Occupational Exposure Limit
- P-Statement: Precautionary Statement
- PBT: Persistent, Bioaccumulative and Toxic
- PPE: Personal Protective Equipment
- STEL: Short-term Exposure Limit
- STOT: Specific Target Organ Toxicity
- TLV: Threshold Limit Value
- TWA: Time-weighted Average
- vPvB: Very Persistent and Very Bioaccumulative
- WEL: Workplace Exposure Level
- CERCLA: Comprehensive Environmental Response, Compensation and Liability Act
- DOT: Department of Transportation
- FIFRA: Federal Insecticide, Fungicide and Rodenticide Act
- HMIRC: Hazardous Materials Information Review Commission
- HMIS: Hazardous Materials Identification System
- NFPA: National Fire Protection Association
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety and Health Administration
- PMRA: Health Canada Pest Management Regulatory Agency
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.