



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

General	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	Remove contact lenses. Protect unharmed eye.
Ingestion	Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	No symptoms known or expected
Notes to physician	No hazards which require special first aid measures.

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 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 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

Product

No aspiration toxicity classification

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.

SECTION 12: Ecological information

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	Not dangerous goods
International Air Transport Association-Cargo	Not dangerous goods
International Air Transport Association-Passenger	Not dangerous goods
Mexican Regulation for the Land Transport of Hazardous Materials and Wastes	Not dangerous goods

ORM = ORM-D, CBL = Combustible Liquid

Marine Pollutant No

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) 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.
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
AUSTR	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

RTK
WHMIS

Right to Know
Workplace Hazardous Materials Information System

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.