

# SAFETY DATA SHEET

## ALLANTOIN

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Allantoin

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

#### GHS Classification

Combustible Dust

#### Physical hazards

Not Applicable.

#### Health hazards

Not Applicable.

#### Environmental hazards

Not Applicable.

#### GHS Label:

#### Signal Word

Warning

#### Hazards statement

May form combustible dust concentrations in air.

#### Precautionary statement

Prevention: Keep dust/air mixtures away from ignition sources .

#### Other hazards

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Allantoin	97-59-6	99
Water	7732-18-5	1

### 4. FIRST AID MEASURES

#### General Measures:

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.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water spray

Form

**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.

**Hazardous combustion products**

Carbon dioxide and carbon monoxide

**Extinguishing Procedures:**

Product is compatible with standard fire-fighting agents.

**Further information**

Standard procedure for chemical fires.

**Special protective equipment for firefighters**

In the event of fire, wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Avoid dust formation. Avoid breathing dust.

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

**Environment Precautions:**

Prevent further leakage or spillage if safe to do so.

**Cleaning Up Methods for Spillages:**

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

**Other information**

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

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Avoid dust formation.

Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8.

**Conditions for safe storage, including any incompatibilities**

No smoking.

**Materials to avoid**

No materials to be especially mentioned.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**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.

**Personal protective equipment**

Use safety glasses if there is risk of splashing.

**Respiratory Protection:**

No personal respiratory protective equipment normally required.

**Skin and body protection**

Wear as appropriate:

Safety shoes

Wear resistant gloves (consult your safety equipment supplier).

**Eye Protection:**

Safety glasses

**Hygiene measures**

Avoid breathing dust.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance	Crystalline, powder
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Physical state	Solid
Color	White
Odor	Characteristic
Odor threshold	No data available
PH	No data available
Melting point/ freezing point	Melting point/range: 230°C – deg
Boiling point/ boiling 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
Relative 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, dynamic	No data available
Viscosity, kinematic	No data available
Oxidizing, properties	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity:

No decomposition if stored and applied as directed.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Product will not undergo hazardous polymerization.

### Conditions to avoid

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

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation

Skin contact

Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Not classified based on available information.

**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.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**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.

**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 probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**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. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Product:**

**Ecotoxicology Assessment**

Acute aquatic toxicity Not classified based on available information. Chronic aquatic toxicity Not classified based on available information.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

**Additional ecological information**

No data available

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

**General advice**

Dispose of in accordance with all applicable local, state and federal regulations.

**Contaminated packaging**

Empty remaining contents.

**14. TRANSPORT INFORMATION**

ID NUMBER

PROPER SHIPPING NAME

\*HAZARD CLASS

SUBSIDIARY HAZARDS

PACKING GROUP

MARINE POLLUTANT/ LTD. QTY.

**MX\_DG**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – PASSENGER**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – CARGO**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**TDG\_INWT\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT – ROAD**

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 documents for descriptions that are specific to the shipment.

## 15. REGULATORY INFORMATION

### **EPCRA**

Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity  
This material does not contain any components with a CERCLA RQ. SARA 304 Extremely Hazardous Substances Reportable Quantity  
This material does not contain any components with a section 304 EHS RQ.

### **SARA 311/312**

Hazards Combustible Dust

### **SARA 302**

This material does not contain any components with a section 302 EHS TPQ. 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

### **New Jersey Right To Know**

Urea, N-(2,5-dioxo-4-imidazolidinyl)-97-59-6

### **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.

### **The components of this product are reported in the following inventories:**

#### **TSCA**

This product is regulated under the United States Food and Drug Act (FDA). DSL On the inventory, or in compliance with the inventory

#### **AICS**

On the inventory, or in compliance with the inventory

#### **ENCS**

On the inventory, or in compliance with the inventory

#### **KECI**

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

**16. OTHER INFORMATION**

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