



State of the Art Ingredients • Fast Friendly Service

## Allantoin

### SECTION 1 :: PRODUCT IDENTIFICATION

Emergency Telephone: CHEMTREC: 1-800-424-9300 (Spill Related Emergencies)  
PROSAR: 1-800-241-7439 (Health Related Emergencies)

Product Name: ALLANTOIN  
CAS Registry Number: 97-59-6  
CAS Registry Name: Urea, (2,5-Dioxo, Imidizolidinyl)-  
Synonyms: Allantoin (INCI NAME)  
Molecular Weight: 158.12  
Product Use: Personal Care

### SECTION 2 :: DATA ON COMPONENTS

### SECTION 3 :: HAZARDS IDENTIFICATION

#### Hazard Overview

Target Organs: None effected.  
Primary Entry Routes: Not applicable.  
Acute Health Hazards: None known.  
Chronic Health Hazards: None known

#### Signs and Symptoms of Overexposure

Eye Contact: Not a hazard under normal use conditions.  
Skin Contact: Not a hazard under normal use conditions.  
Ingestion: Not a hazard under normal use conditions.  
Inhalation: Not a hazard under normal use conditions.

### SECTION 4 :: FIRST AID MEASURES

Eye Contact: Flush eyes with copious amounts of water.  
Skin Contact: Wash with soap and water.  
Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.  
Inhalation: No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### SECTION 5 :: FIRE FIGHTING MEASURES

NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0  
Flash Point (°F): Not Applicable  
Extinguishing Media: All standard firefighting media

#### Unusual Fire/Explosion



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Hazards: Unknown

**Special Protective Equipment:**

Fire fighters should wear full protective clothing, including self-contained breathing equipment.

**HMIS RATING:**

HEALTH 1  
FLAMMABILITY 0  
PHYSICAL HAZARD 0

### SECTION 6 :: ACCIDENTAL RELEASE MEASURES

**Personal Precautionary**

**Measures:**

Use Appropriate protective equipment.

**Procedure for**

**Cleaning/Absorption:**

Contain spill with sand or other inert materials.

### SECTION 7 :: HANDLING AND STORAGE

**Handling:** Wash thoroughly with soap and water after handling.

**Storage:** Hygroscopic Material. Keep containers closed tightly when not in use.

### SECTION 8 :: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Use in a well ventilated area.

**Respiratory Protection:** Use in a well ventilated area.

**Hand Protection:** Use gloves as a standard industrial handling procedure.

**Eye Protection:** Safety glasses.

### SECTION 9 :: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Crystalline powder.

**Color:** WHITE

**Odor:** NONE-MILD

**pH:** Not Determined

**Specific Gravity:** Not Determined

**Boiling Point (°F):** Not determined.

**Melting Point (°F):** 437-446

**Vapor Pressure:** Not Determined

**Solubility:** 1g in 190ml H<sub>2</sub>O

### SECTION 10 :: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of handling, use and transportation.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** None anticipated

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### SECTION 11 :: TOXICOLOGY INFORMATION

**Toxicity Test:**

Acute Oral LD50 (mg/kg): No data found  
Acute Dermal LD50 (mg/kg): No data found  
Acute Inhalation LC50 (mg/l): No data found

### SECTION 12 :: ECOLOGY INFORMATION

Biodegradability: Not determined.  
Aquatic Toxicity: No data is available on the adverse effects of this material on the environment.

### SECTION 13 :: DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

### SECTION 14 :: TRANSPORT INFORMATION

**Land Transportation:**

*DOT (Non-Bulk):*

DOT Shipping Name: NOT REGULATED  
UN/NA Number: NONE  
Hazard Class: NONE

*DOT (Bulk):*

DOT Shipping Name: NOT REGULATED  
UN/NA Number: NONE  
Hazard Class: NONE

**Air Transportation (IATA):**

Proper Shipping Name: NOT REGULATED  
UN Number: NONE  
Hazard Classification: NONE

**Sea Transportation (IMO):**

Proper Shipping Name: NOT REGULATED  
UN/ID Number: NONE  
Hazard Classification: NONE

**TDG (Canada):**

Proper Shipping Name: NOT REGULATED  
UN Number: NONE

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Hazard Class: NONE

### SECTION 15 :: REGULATIONS

**TSCA Inventory List** - This product and/or its components is listed on TSCA.

**California Proposition 65**

**Carcinogens & Reproductive**

**Toxicity (CRT) List** -

None of the components of this product is listed on CALPROP.

**WHMIS Ingredient Disclosure**

**List** -

None of the components of this product is listed on WHMIS Ingredient Disclosure list

**Canada DSL Inventory List** - This product and/or its components is listed on DSL.

**Canada NDSL Inventory List** - This product and/or its components is not listed on NDSL.

**Japan Inventory of Existing &**

**New Chemical Substances**

**(ENCS)** -

This product and/or its components is listed on ENCS.

**Australia Inventory of Chemical**

**Substances (AICS) List** -

This product and/or its components is listed on AICS.

**EU EINECS List** - This product and/or its components is listed on EINECS.

**EU ELINCS List** - This product and/or its components is not listed on ELINCS.

### SECTION 16 :: COMMENTS

#### Disclaimer

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. As the ordinary or otherwise use(s) of this product is outside the control of Ingredients To Die For, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

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