



Material Safety Data Sheet

20004D

Revision Date: 03/02/2012

Issuing Date: 03/02/2012

ALLANTOIN

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Company/Undertaking Identification: International Specialty Products
1361 Alps Rd.
Wayne, N.J. 07470
U.S.A.
Telephone: (973) 628-4000

Emergency Telephone: CHEMTREC: 1-800-424-9300 or 703-527-3887 (Outside of the USA)
(Spill Related Emergencies)
PROSAR: 1-800-241-7439 (Health Related Emergencies)

Prepared By: Product Stewardship

Product Code: 20004D

Product Name: ALLANTOIN

INCI Name(s): Allantoin

Product Use Description: Personal Care

2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

MAY CAUSE RESPIRATORY TRACT IRRITATION.

POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES.

White

Crystalline powder

Characteristic Odor

Hazard Summary

Target Organs:

- Respiratory System

Primary Routes of Entry: Eyes. Skin. Ingestion. Inhalation.

Acute Health Hazard: May cause respiratory tract irritation.

Chronic Health Hazard: None known

Symptoms of Overexposure

Eye Contact: Not hazardous

Skin contact: Not hazardous

Ingestion: Not hazardous

Inhalation: May cause respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components:	CAS-No	Weight %
Urea, N-(2,5-dioxo-4-imidazolidinyl)-	97-59-6	60-100

20004D

4. FIRST AID MEASURES

Eye Contact: Flush with plenty of water.

Skin Contact: Wash off with soap and water.

Ingestion: Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Get medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Combustion/Explosion Hazards: May form explosive dust-air mixture.

Special Protective Equipment For Fire-Fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid creating dust Avoid breathing dust Ensure adequate ventilation Wear suitable protective equipment.

Methods for Cleaning Up: Clean up promptly by scoop or vacuum. Avoid dust formation. Avoid dust accumulation in enclosed space. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Avoid dust formation. Avoid dust accumulation in enclosed space. Avoid breathing dust. Wash thoroughly after handling.

Storage: Hygroscopic. Keep container tightly closed. Keep in a dry, cool place. Keep away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Use only in well-ventilated areas.

Respiratory Protection: Use only in well-ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment

Hand Protection: Wear protective gloves.

Eye Protection: Safety glasses.

Exposure Limits:

Components:	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Urea, N-(2,5-dioxo-4-imidazolidinyl)-97-59-6 (60-100)	No TLV/TWA Established	No TLV/TWA Established

Respirable dust	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA): 10mg/m ³ (inhalable particles) 3mg/m ³ (respirable particles) U.S.- OSHA- Final PELs- Time Weighted Averages (TWAs): 15mg/m ³ (Total dust) 5mg/m ³ (respirable dust fraction)
------------------------	---

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Crystalline powder
Color:	White
Odor:	Characteristic
Odor Threshold:	Not available
pH:	Not determined
Specific Gravity:	Not determined
Boiling Point (°F):	Not determined
Melting/Freezing Point (°F):	437-446°F(225-230°C)
Vapor Pressure:	Not determined
Solubility:	1g in 190ml H ₂ O
Flash Point (°F):	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid dust formation. Avoid dust accumulation in enclosed space.

11. TOXICOLOGICAL INFORMATION

Toxicity Test:

Acute Oral Toxicity (LD50):	Not Determined
Acute Dermal Toxicity (LD50):	Not Determined
Acute Inhalation Toxicity (LC50):	Not Determined
Carcinogenicity:	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. 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. 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.

12. ECOLOGICAL INFORMATION

Persistence and Degradability:	Not determined.
Ecotoxicity:	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of in accordance with local regulations.
--------------------------------	--

14. TRANSPORT INFORMATION

Land Transport:

DOT (Non-Bulk):

Not regulated DOT

DOT (Bulk):

Air Transport (IATA):

Not regulated IATA

Sea Transport (IMO):

Not regulated IMDG

TDG (Canada):

Not regulated TDG

15. REGULATORY INFORMATION

Inventories	Status
TSCA	Listed
DSL	Listed
NDSL	Not Listed
ENCS	Listed
AICS	Listed
EINECS	Listed
ELINCS	Not Listed
NZIoC	Listed
KECI	Listed
PICCS	Listed
IECSC	Listed

California Proposition 65 Carcinogens & Reproductive Toxicity (CRT) List:

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

EPCRA (SARA Title III):

Not applicable

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

16. OTHER INFORMATION

NFPA Rating: Health: 1 Flammability: 1 Reactivity: 0.

HMIS RATING:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

Prepared By: Product Stewardship

MSDS sections updated: This data sheet contains changes from the previous version in section(s) 1,2,6,7,8,9

Legend: N.Av.= Not Available; N.A.= Not Applicable

Disclaimer: For purposes of this MSDS, International Specialty Products, as responsible party, provides the information herein which is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed. ISP's industrial products are used as materials in the production of products by industrial customers. ISP usually has only limited information about the products of its customers and their composition, methods of manufacture and use. Accordingly, ISP MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS OR RELIABILITY OF INFORMATION HEREIN EXCEPT THAT SUCH INFORMATION IS, TO THE BEST OF ISP'S KNOWLEDGE AND BELIEF, ACCURATE AS OF THE DATE INDICATED. ISP recommends that customers independently test and evaluate its products and their products and processes in which ISP products are used in order to decide their safety and effectiveness.

*****End of Safety Data Sheet*****