

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**
**PRODUCT IDENTIFIER**

Product Name	Allantoin
Other Names	5-Ureidohydantoin

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

**EMERGENCY TELEPHONE NUMBER**

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

**SECTION 2 HAZARDS IDENTIFICATION**

GHS / HSNO Hazard Classification	Not classified
HSNO Approval Number	Not classified
Hazard Nature	This product is not classified under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Ingredient	CAS No.	EINECS	% [weight/volume]
Allantoin	97-59-6	202-592-8	99 %

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Skin contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Ingestion	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupful of milk or water.
Inhalation	Remove from exposure and move to fresh air immediately.

**SECTION 5 FIREFIGHTING MEASURES**

General information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.  During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills or Leaks	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

**SECTION 7 HANDLING AND STORAGE**

Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage	Store in a cool, dry place. Keep container closed when not in use.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering controls	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Personal Protective equipment – as required as per working conditions and risks	
Eyes	Wear safety glasses and chemical goggles if splashing is possible.
Skin	Wear appropriate protective gloves and clothing to prevent skin exposure.
Clothing	Wear appropriate protective clothing to minimize contact with skin.
Respirators	Wear a respirator in the positive pressure mode with emergency escape provisions.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	-	Powder	Solubility in water	-	1 g/190 mL water
Colour	-	White	Molecular weight		158.12
Freezing / Melting point	°C	230 °C			

**SECTION 10 STABILITY AND REACTIVITY**

Chemical stability	Stable under normal temperatures and pressures.
Conditions to avoid	Incompatible materials, strong oxidants.
Incompatibilities	Strong oxidizing agents.
Hazardous Decomposition	Irritating and toxic fumes and gases.
Hazardous Polymerization	Has not been reported.

**SECTION 11 TOXICOLOGICAL INFORMATION**

RTECS#	CAS# 97 59-6: YT1600000
LD50/LC50	No data available
Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

**SECTION 12 ECOLOGICAL INFORMATION**

Biodegradability	>80% (METHOD: OECD 302 B)
Fish toxicity	LC50 >5000 MG/L (BRACHIDANIO RERIO) METHOD: OECD 203
Bacteria toxicity	EC0 >10 G/L (PSEUDOMONAS PUTIDA) SOURCE: IRCHA
Chemical oxygen demand OCD	240 MG/G
Biochemical oxygen demand (BOD5)	63,8MG/G

**SECTION 13 DISPOSAL CONSIDERATION**

Instructions	Dispose of in a manner consistent with federal, state, and local regulations.
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**SECTION 14 TRANSPORT INFORMATION**

	Land Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)			
Packing group			
Environmental hazards			

**SECTION 15 REGULATORY INFORMATION**

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Canada

CAS# 97-59-6 is listed on Canada's DSL List.

CAS# 97-59-6 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits US FEDERAL

TSCA

CAS# 97-59-6 is listed on the TSCA inventory.

**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

v01: 29/04/2021 PIL. Realignment with supplier SDS SA032. Updated classification as per ECHA GHS classification as not classified by EPA.

Pure Ingredients Ltd