



## Allantoin

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name	ALLANTOIN
INCI	Allantoin
Synonyms & Trade Names	Glyoxyldiureide
Product Code	
CAS No.	97-59-6
EC No.	202-592-8

#### 1.2 Details of the supplier of the safety data sheet

Supplier/Distributor	zielonyklub.pl
Company	Greenaction Sp. z o.o., ul. Wesofa 51, 25-363 Kielce, NIP: PL6571011247
Contact	tech@zielonyklub.pl

#### 1.3 Details of the supplier of the safety data sheet

Emergency Contact	112 (emergency), 998 (fire), 999 (ambulance), 42 631 47 24 (toxicological information in Poland)
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)	This product has no classification.
Classification (EU 1272/2008)	This product has no classification.

#### 2.2 Label elements

##### Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	None
Signal word:	None
Contains:	None
Hazard Statements:	None
Precautionary Statements:	P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Supplementary Precautionary	None
Statements:	None

#### 2.3 Other hazards

Adverse physio-chemical properties	None
Adverse effects on human health	None

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

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#### 3.2 Mixtures

N/A
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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.
Ingestion	Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Skin Contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye Contact	Bathe the eye with running water for 15 minutes. Consult a doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.
Ingestion	There may be soreness and redness of the mouth and throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

#### 4.3 Indication of any immediate medical attention and special treatment needed

N/A

### SECTION 5: Fire fighting measures

#### 5.1 Extinguishing Media

Extinguishing media:	Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
Unsuitable extinguishing media:	Do not use direct water jet on burning material.

#### 5.2 Special hazards arising from the substance or mixture.

Exposure hazards: In combustion emits toxic fumes.

#### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions

Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

#### 6.2 Environmental precautions

Contain the spillage using bunding. Do not discharge into drains or rivers.

#### 6.3 Methods and material for containment and cleaning up

Mix with sand or vermiculite. Transfer to a suitable container. Wash the spillage site with large amounts of water.

#### 6.4 References to other sections.

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Handling requirements: Do not handle in a confined space

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

#### 7.3 Specific end use(s)

N/A



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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control Parameters

Workplace exposure limits: No data available.

#### 8.2 Exposure Controls

Eye protection	Safety goggles.
Hand protection	Protective gloves.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Skin protection	Protective clothing with elasticated cuffs and closed neck.
Engineering Measures	Ensure there is sufficient ventilation of the area.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	Crystals/powder.
Colour	White
Odour	Odourless
Relative Density	1.7
pH	4.0-6.0
Melting Point (°C)	235-238
Solubility in water	Slightly soluble

#### 9.2 Other information

N/A

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None

#### 10.2 Chemical stability

Stable under normal temperature conditions.

#### 10.3 Possibility of hazardous reactions

None

#### 10.4 Conditions to avoid

Heat

#### 10.5 Incompatible materials

Strong oxidising agents

#### 10.6 Hazardous decomposition products

In combustion emits toxic fumes.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects.

Toxicity values	ORL RAT LD50 >2000 mg/kg
Symptoms / routes of exposure	<p>Skin contact: There may be mild irritation at the site of contact.</p> <p>Eye contact: There may be irritation and redness.</p> <p>Ingestion: There may be soreness and redness of the mouth and throat.</p> <p>Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.</p>



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### SECTION 12: Ecological information

#### 12.1 Toxicity

Ecotoxicity values:

ZEBRAFISH (Brachydanio rerio) 96H LC50 >5000 mg/l

#### 12.2 Persistence and degradability

Biodegradable.

#### 12.3 Bioaccumulation potential

N/A

#### 12.4 Mobility in soil

Sparingly soluble in water.

#### 12.5 Results of PBT and VPVB assessment

This product is not identified as a PBT/vPvB substance.

#### 12.6 Other adverse effects

N/A

### SECTION 13: Disposal considerations

#### 13.1 Waste Treatment Methods

Disposal operations: Must be disposed of in accordance with local and national regulations.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### SECTION 14: Transport information

This product does not require a classification for transport.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

#### 15.2 Chemical safety assessment

N/A



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### SECTION 16: Other information

Training instructions: Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Risk Phrases in full:	N/A
Safety Phrases in full:	N/A

Complies with REACH guidance for SDS as circulated by ECHA 2011.

**Disclaimer:**

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