



Revision Number 3.0
Revision Date 07/10/2020
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SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Name : ALLANTOIN

1.2 Recommended use(s) and restrictions

Product use : Functional additive for cosmetics and pharmaceuticals
- manufacture of substances

Restrictions of use : No known restrictions

1.3 Manufacturer / Supplier

Company Information : **TKB TRADING, LLC**
1101 9th Avenue
Oakland, CA 94606
Tel: (510)-922-9027
www.tkbtrading.com

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or Mixture

2.2 GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

This product is not classified as hazardous.

2.3 GHS Label elements, including Precautionary Statements

This product is not subject to hazard labeling

Pictograms : ---

Signal word : ---



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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

This product does not contain substances classified as hazardous according to OSHA criteria.
No components are required to be disclosed according to applicable regulations.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

- | | | |
|--------------|---|--|
| Inhalation | : | If breathing becomes difficult, move the victim to fresh air and give oxygen. If breathing has ceased, administer artificial respiration. Seek immediate medical attention. |
| Skin | : | Remove contaminated clothing and segregate. Wash affected areas thoroughly with soap and water. Seek medical attention if irritation develops/persists. Wash contaminated clothing before reusing. |
| Eye Exposure | : | Flush with water for at least 15 minutes. Hold eyelids open while rinsing. Seek medical attention. |
| Ingestion | : | Rinse mouth with water. Do not induce vomiting unless advised to do so by a physician. Seek immediate medical attention. Never give anything by mouth to an unconscious person. |

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|---|---|---|
| 4.2 Most important symptoms and effects, both acute and delayed | : | For symptoms and effects caused by the contained substance(s), please refer to sections 2 and 11. |
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|--|---|------------------------|
| 4.3 Indication of immediate medical attention / special treatment needed | : | Follow doctor's orders |
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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

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|--------------------------------|---|--|
| Suitable Extinguishing Media | : | Carbon dioxide, Dry chemical, Foam and Water spray |
| Unsuitable Extinguishing Media | : | None in particular |

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| 5.2 Special hazards arising from the Substance / mixture | : | Do not breathe combustion products (carbon oxides, nitrogen oxides, toxic pyrolysis products, etc). |
|--|---|---|

5.3 Advice for fire-fighters

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|-------------------------------|---|--|
| Protective Equipment | : | Wear full protective fire gear including SCBA operated in the positive pressure mode when the potential for exposure to chemicals of combustion exists. |
| Precautions for fire-fighters | : | Use water spray to cool unopened containers to prevent product decomposition and the development of substances potentially hazardous for health. Collect / dispose of contaminated water used to extinguish fire in accordance with regulations. |
| | : | Product may form an explosive dust-air mixture. May be combustible |



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at high temperatures or by contact with an ignition source.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions / Protective Equipment / Emergency Procedures** : If the permitted workplace exposure thresholds do not meet specifications, suitable respiratory protection must be worn.
- 6.2 Environmental Precautions** : Product must not penetrate storm drains, sewers, surface water, ground water or neighboring areas.
- 6.3 Methods and Materials for containment and clean-up :** : Sweep or shovel material without the formation of dust. Collect material in a suitable container with closed lid for disposal. Dispose of all waste materials in accordance with regulations.

7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling** : Avoid contact with eyes, skin and mucous membranes. Avoid the formation of dust. Do not breathe product dust, mists, and/or vapors associated with this material. Ensure adequate ventilation is established in working areas/where dust is formed. Avoid sources of ignition.
- 7.2 Conditions for Safe Storage** : Store product in original container(s) with proper labeling. Container lid should be tightly sealed when not in use. Store product in a dry, cool, well ventilated area. Do not store in direct sunlight.
- 7.3 Incompatibilities** : No known incompatibilities under normal use and proper storage conditions.
- 7.4 Specific end use(s)** : No other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control Parameters**
Components with control parameters : Contains no substances with occupational exposure limit values.
- 8.2 Engineering Controls**
Control Measures : Exhaust ventilation should be provided in the working environment to reduce airborne concentrations.
- 8.3 Personal Protective Equipment**
Eye Protection : Chemical-protective goggles or a full face respirator mask.
Skin Protection : Standard full length work apparel, TYVEK type coveralls and professional safety footwear.
Hand Protection : Chemical-protective gloves.
Respiratory Protection : Organic vapor mask with dust filter, or supplied air depending upon airborne exposure levels.
- 8.4 Protective Equipment** : Eye wash / safety shower located within 25 feet of working area.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Appearance	: Powder
Color	: White
Odor	: Imperceptible
Odor Threshold	: Not available
pH	: Not available
Melting Point	: > 220 °C
Boiling Point	: Not applicable
Flash Point	: Not applicable
Evaporation Rate	: Not available
Flammability of solids and gases	: Not available
Vapor Pressure	: Not available
Vapor Density	: Not available
Specific gravity	: Not available
Solubility (water, 20°C)	: 5.2 g/l
Partition coefficient: n-octanol / water	: - 3.14 (calculated)
Ignition temperature	: Not available
Decomposition temperature	: > 220 °C
Viscosity	: Not available
Reactive Properties	: Not available

10. STABILITY AND REACTIVITY

10.1 Reactivity	: No particular risks of reaction with other substances under normal conditions of use.
10.2 Chemical Stability	: Stable under recommended storage conditions.
10.3 Possibility of Hazardous Reactions	: No foreseeable hazardous reactions under normal conditions.
10.4 Conditions to Avoid	: None with proper storage and handling.
10.5 Incompatible Materials	: Avoid contact with strong bases and oxidizing agents.
10.6 Hazardous Decomposition Products	: In the event of thermal decomposition or fire, potentially hazardous vapors may be released.

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

LD50 (oral / rat)	: > 5000 mg/kg
Skin Irritation (rabbit)	: Not an irritant at recommended levels of use.
Eye Irritation (rabbit)	: Non-Irritant



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11. TOXICOLOGICAL INFORMATION (continued)

Sensitization	: Non-sensitizing
Mutagenicity	: Non-mutagenic
Teratogenicity	: Non-teratogenic
Carcinogenicity	: No evidence of carcinogenic potential

11.2 Toxicological Effects

Based upon information available, it is anticipated that this material may cause mild skin and eye irritation upon direct contact. In addition, the inhalation of product dust/fumes may be harmful. Therefore, prolonged and/or repeated exposure should be avoided.

12. ECOLOGICAL INFORMATION

12.1 Environmental Toxicity	: Information not available
12.2 Persistence and Degradability	: Information not available
12.3 Bio-accumulative potential	: Information not available
12.4 Mobility in Soil	: Information not available
12.5 Results of PBT and vPvB Assessment	: Does not contain any PBT / vPvB in percentage greater than 0.1%.
12.6 Other Adverse Effects	: Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of waste and residues in accordance with federal, state and local requirements.
Contact the nearest EPA office for guidance if necessary.

14. TRANSPORT INFORMATION

This product is not dangerous under current provisions of the United States Department of Transportation (DOT), International Maritime Dangerous Goods Code (IMDG) and the International Air Transport Association (IATA).

US DOT	: Not Regulated (Not dangerous goods)
IMDG	: Not Regulated (Not dangerous goods)
IATA	: Not Regulated (Not dangerous goods)



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15. REGULATORY INFORMATION

Global Chemical Inventories

All of the components comprised in this product are listed on the following inventories.

US	(TSCA)
EU	(REACH)
Australia	(AICS)
Canada	(DSL)
China	(IECSC)
Japan	(ENCS)
Korea	(ECL)
New Zealand	(NZIoC)
Philippines	(PICCS)
Switzerland	(SWISS)
Taiwan	(NECI)
ASIA-PAC	

State Regulations

California Proposition 65 : Not Listed

U.S. Federal Regulations

CERCLA RQ (lbs.) : Not Listed

16. OTHER INFORMATION

NFPA Rating

Health Hazard	:	(1)
Fire Hazard	:	(1)
Reactivity Hazard	:	(0)



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The statements made herein are intended to provide product safety information. This safety data sheet has been prepared with information currently available. Although care has been taken to provide accurate information, no warranties either expressed or implied are being made as a result of this information.