


Material Safety Data Sheet		
Allantoin		
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1. Chemical Product and Company Identification

INCI Name: Allantoin

CAS No.: 97-59-6

Chemical structure: $C_4H_6N_4O_3$

Trade name: Yeser® ALLANTOIN

Product application: Commonly used as a moisturizing agent in various personal care products, such as shampoos, facial cleansers, lip sticks, etc.

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

Supplier address: Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

Website: yeserchem.com **E-mail:** info@yeserchem.com

Contact number: +86-20- 86213761 400-0768-668

Emergency contact number: +86-20- 86213761

2. Hazards Identification

Emergency Overview

Inhalation: If inhaled, move patient to fresh air. If breathing stops, perform artificial respiration. Consult a doctor.

Skin: Rinse with soap and plenty of water. Consult a doctor.

Eyes: Flush eyes with water. Consult a doctor.

Ingestion: Rinse mouth with water. Do not feed anything to an unconscious person. Consult a doctor.

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Allantoin	97-59-6	99.0~100.0


4. First aid Measures

Inhalation: If inhaled, move patient to fresh air. If breathing stops, perform artificial respiration. Consult a doctor.

Skin Contact: Rinse with soap and plenty of water. Consult a doctor.

EYE CONTACT: Flush eyes with water. Consult a doctor.

Ingestion: Rinse mouth with water. Do not feed anything to an unconscious person. Consult a doctor.

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5. Fire-fighting Measures

Extinguishing agents: Use water spray, alcohol-resistant foam, dry powder or carbon dioxide to extinguish the fire.

Advice to Firefighters: If necessary, wear self-contained breathing apparatus for firefighting operations.

6. Accidental Release Measures

Personnel protective measures, protective equipment and emergency disposal procedures:

Use personal protective equipment. Avoid dust generation. Avoid inhalation of vapors, aerosols or gases.

Ensure adequate ventilation. Avoid inhalation of dust. For personal protection, see Section 8.

Environmental protection precautions: Prohibit direct discharge into sewers, water sources and soil.

7. Handling and storage

Handling device: Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide suitable exhaust equipment in areas where dust is generated.

Storage conditions: Store in a cool place. Keep the container airtight and store in a dry and ventilated place. Recommended storage temperature is 2~8°C

8. Exposure controls/personal protection

Occupational Exposure Limits: There are no known national exposure limits.

Exposure Control: Operate in accordance with good industrial hygiene and safety practices.

Wash hands before breaks and at the end of work.

Hand protection: Wear protective gloves.

Eye protection: Wear protective eyewear.

Skin and body protection: Wear protective clothing.

Respiratory protection: Wear particulate respirator.

9. Physical and chemical properties

Appearance: White crystalline powder

pH value(0.5% aqueous solution,25°C) : 4.0~6.5

Melting/freezing point (°C): ≥225


Drying weight loss (%): ≤0.5

Ash content (%): ≤0.1

Initial boiling point and boiling range (°C): No data available

Flash point (°C): No data available

Evaporation rate: No data available

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Flammability (solid, gas): No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Octanol/water partition coefficient: No data available

Self-ignition temperature: No data available

Decomposition temperature: No data available

Explosive properties: No data available

Oxidizability: No data available

10. Stability and reactivity

Stability: Stable under normal conditions of use.

PROHIBITIONS: Strong oxidizing agent.

Conditions to avoid: Heat, flame or sparks.

Hazardous Decomposition Products: On combustion or thermal decomposition (pyrolysis), releases: carbon oxides and nitrogen oxides.

11. Toxicological information

Acute toxicity: No data available.

Allergenicity: No data available.

Repeated Toxicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

12. Ecological information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulation potential: No data available.

Mobility in Soil: No data available.

13. Disposal considerations

Waste: Prohibition = Discharge of waste into rivers and drains is strictly prohibited.

Destruction/disposal: Dispose of waste in accordance with the appropriate local regulations.


Contaminated packaging materials: Dispose of as unused product.

Note: Users are required to comply with local regulations regarding disposal.

14. Transport information

Ground transportation: Not classified as dangerous goods according to transport regulations.

Shipping IMDG: Not classified as dangerous goods according to transport regulations.

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Air transport IATA DGR: Not classified as dangerous goods according to transport regulations.

15. Regulatory Information

Hazard classification: Not applicable to China's regulations on flammable substances.

Hazard class for water bodies: No relevant information.

Other regulations: None.

16. Other Information

Writing and revising information

Date originally compiled: August 15, 2018

Date of first revision: May 1, 2021

IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET