



MATERIAL SAFETY DATA SHEET

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

UNDERTAKING

Product name:D-Panthenol

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

2. COMPOSITION / INFORMATION ON INGREDIENTS

Name: D-Pantothenyl

Synonyms (R)- (+) -2,4-Dihydroxy-N-(3-hydroxypropyl) - 3,3-dimethylbutyramide

Dexpanthenol Provitamin B

(R)-2,4-Dihydroxy-3,3-dimethylbutyric 3- hydroxypropylamide D-pantothenyl alcohol

Labelling according to EU statutory

Order on dangerous substances: None

Hazardous components: None

Empirical Formula: C₉H₁₉NO₄

Molar Mass: 205,25 g/mol

CAS number: 81-13-0

-EINECS number: 201-327-3

3. HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to Directive 67/548/EEC

4. FIRST-AID MEASURES

Inhalation: Rinse mouth and throat with water. Breath fresh air

Skin contact: Wash off with soap and plenty of water.

Eye contact: Rinse with water.

Ingestion: Rinse mouth and throat with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Respiratory protector with gas filter or breathing apparatus recommended.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors,mist or gas

Environmental precautions: Hand over spilled material to recycling or to waste disposal.

Procedure of cleaning/take up: Take up by mechanical means. Flush remainder with water



7. HANDLING AND STORAGE

Avoid dust formation. Store in a dry, cool and well-ventilated place in an unopened package.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommended personal protective equipment:

Respiratory protection: Respiratory protector approved for this type of dust

Hand protection: Impermeable gloves

Eye protection: Protecting glasses or eye shield

9. PHYSICAL AND CHEMICAL PROPERTIES

Form solid,liquid,clear,viscous

Colour colourless or lightyellow

Solubility in water: Freely soluble in water

Solubility in other solvents: Freely soluble in 96%alcohol

PH not more than10.5

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Materials to avoid: Avoid humidity and contact with air.

Dangerous reactions: Incompatible with Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

RTECS Number :ES4316000

Acute Toxicity LD50:ORL-MUS 15g/kg

12. ECOLOGICAL INFORMATION

Product should not get into water without pre-treatment in an adapted, biological sewage work.

13. DISPOSAL CONSIDERATIONS

Waste disposal must be in accordance with appropriate local regulations. Do not re-use empty containers.

14. TRANSPORT INFORMATION

UN No. Not applicable

Sea Not applicable

Road/railNot applicable

Air Not applicable

15. REGULATORY INFORMATION

The product is not subject to mandatory labelling.

16. OTHER INFORMATION

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The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control



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of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications, for which please refer to our technical data sheet.