



Material Safety Data Sheet

Natamycin

1. Chemical Product & Company Identification

Product Name: Natamycin
Company: Shandong Freda
biotechnology Co., Ltd
789# West Binhai Street, Linshu
county, Linyi city, Shandong
province, China 276715
Tel: +86-539-2036878
Fax: +86-539-2036881

Emergency No.: +86-531-81213308

Email: mfreda@fredabiotech.com

Internet: www.fredabiotech.com

2. Composition/Information on Ingredients

Product Name: Natamycin
E-number: E235
CAS No.: 7681-93-8

3. Hazards Identification

Hazards No adverse effects from available information.
Eyes: Not irritating. Dust may cause mechanical irritation.
Skin: Not available.
Inhalation: Not available.
Chronic effects: Not available.

4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. Flush eyes with plenty of water for at least 15 minutes.
Skin Contact: Flush skin with plenty of water or with a disinfectant soap.
Inhalation: Move to fresh air.
Ingestion: Wash out mouth with water.
Note: If necessary, get medical attention.

5. Fire Fighting Measures

Extinguishing media: Use dry chemical powder, water spray, fog or foam.
Hazardous thermal: CO, CO₂, NO (de) composition products.
Protective equipment: Wear shell-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Note: Fire, flame and sparks should be kept away from open containers.

6. Accidental Release Measures

Procedures of personal precautions: Use appropriate personal protection. Prevent forming of dust clouds.
Methods for cleaning up: Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Wash spill site after material pickup is complete.

7. Handling and storage

Handling precaution: Wear suitable protective clothing and chemical safety gloves. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep away from incompatibles or ignition sources, heat and flame.
Storage: Store in a cool, well-ventilated area and keep in a tightly closed container. Keep away from direct sunlight



Material Safety Data Sheet

Natamycin

8. Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection:

Respiratory: Wear dust mask if needed.
Eye: Goggles.
Clothing: Protective clothing.
Hand: Chemical-resistant gloves.

9. Physical and Chemical Properties

Appearance: White or white to yellow crystalline powder
Odor: Neutral to slightly acid-like
pH: 5.0~7.5
Solubility: Hardly soluble in water, slightly soluble in acetone and ethanol

10. Stability and Reactivity

Stability: Stable under normal conditions as recommended.
Conditions to avoid: Strong oxidant
Hazardous decomposition products: CO, CO₂, Nitrogen oxides

11. Toxicological Information

Toxicity data: Oral Rat LD₅₀ 2730 mg/kg
Irritation Data: Maybe cause eyes and skin irritation.

12. Ecological Information

No data available.

13. Disposal Considerations

Disposal: Dispose in accordance with national, state and local environmental control regulations.

14. Transport Information

DOT Class:	Hazard	Not hazardous for transport.
IATA:		Not hazardous for air transport.
IMO		Not hazardous for sea transport.

15. Regulatory Information

EU Additional: S: 24/25.
National regulations: No special label

16. Other Information

Warning: This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill, at their own discretion and risk.

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.