

Material Safety Data Sheet Natamycin

Section 1: Chemical Product and Company Identification

Product Name : Natamycin
Chemical Formula : C₃₃H₄₇NO₁₃
Company Identification : Tradeasia International Pte Ltd
Email Address : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Natamycin	7681-93-8	100

Toxicological Data on Ingredients: Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 3: Hazards Identification

Potential Acute Health Effects: Not available.

Potential Chronic Health Effects: Not available.

Section 4: First Aid Measures

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact:

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Serious Skin Contact: Not available.

Inhalation:

Move to fresh air. Get medical attention immediately if symptoms occur.

Serious Inhalation: Not available.

Ingestion:

Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Not available.

Auto-Ignition Temperature: Not applicable.

Flash Points: > 110 °C / > 230 °F

Flammable Limits: Not available.

Products of Combustion:

These products are carbon oxides (CO, Carbon monoxide (CO) Carbon dioxide (CO₂) Nitrogen oxides (NO_x) CO₂).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances: Not available

Fire Fighting Media and Instructions:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. Should not be released into the environment. See Section 12 for additional ecological information.

Large Spill:

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Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

Section 7: Handling and Storage

Precautions:

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from light.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: None under normal use conditions.

Personal Protection:

Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear appropriate protective gloves and clothing to prevent skin exposure.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Solid. (Powder)
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: 665.73 g/mole
Color	: White.
pH (1% soln/water)	: Not applicable.
Boiling Point	: Not available.
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.

Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Insoluble.

Section 10: Stability and Reactivity Data

Stability: Light sensitive.

Instability Temperature: Not available.

Conditions of Instability:

Incompatible products. Excess heat. Avoid dust formation. Exposure to light.

Incompatibility with various substances: Strong oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Not available.

Section 11: Toxicological Information

Routes of Entry:

Ingestion.

Toxicity to Animals:

LD50 = 2730 mg/kg (Rat). LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Not available

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.

BOD5 and COD: Not available.

Products of Biodegradation: Not available.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification..

Section 14: Transport Information

DOT Classification: : Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: Not available.

Other Regulations: Not available

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC): EINECS 231-683-5

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Not available.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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