

Nystatin

Cat#: orb1226364 (MSDS)

Section 1 - Product and Company Identification

1.1 Product Name: Nystatin.

1.3 Synonyms: Not Applicable.

1.4 Product Use: Nystatin is an antifungal medication to which many molds and yeast are sensitive,

Antimicrobial spectrum: Yeasts and molds

Available Sizes/ Quantities: 1gr, 5gr

Section 2 - Composition / Information on Ingredients

2.1

Ingredient	Unit	CAS #	EC #
Nystatin.	Not Available	1400-61-9	215-749-0

2.2 Form: Yellow to Light Brown Powder.

2.3 Use of Substance: For research and development or In Vitro Diagnostic use only.

Not for therapeutic use. Not for use on human subjects.

HMIS

Health 1

Flammability 0

Reactivity 0

Personal Protection

NEPA



2.4 Precautionary Measures to Minimize Risks and Potential Hazards:

2.4.1 Work according to Internationally Accepted Safety Standards and Protocols.

2.4.2 Do not handle the product until all safety precautions have been read and understood.

2.4.3 Read the product labels and/or product insert.

2.4.4 Do the necessary Personal Protection Equipment as required before coming in to contact with the product.

2.4.5 Keep away from heat/hot surfaces/sparks/open flames. No Smoking.

2.4.6 Use explosion-proof electrical/lighting/ventilation equipment.

- 2.4.7 Use only in well-ventilated areas.
- 2.4.8 Dispose of any chemical residues, spills or accompanying waste properly.
- 2.4.9 Contaminated equipment disposal as per protocols.
- 2.4.10 Wash hands thoroughly after handling.

Section 3 - Hazards Identification

- 3.1 Emergency Overview: This product may be a potential irritant to eyes, respiratory system, and skin. This product may also be harmful if ingested. Complete toxicological properties have yet to be determined.
- 3.2 Routes of Exposure: Absorbed through skin, eye contact, inhalation, and ingestion.
- 3.3 Potential Health Effects:
 - 3.3.1 Eye: May cause eye irritation.
 - 3.3.2 Skin: May cause skin irritation.
 - 3.3.3 Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
 - 3.3.4 Ingestion: May be harmful if swallowed.
- 3.4 Chronic Effects/Carcinogenicity: Not Available.
- 3.5 OSHA Regulatory Status: Not Available.

Section 4 - First Aid Measures

- 4.1 Eyes: In case of contact with eyes, flush thoroughly with water. Contact physician.
- 4.2 Skin: In case of contact with skin, wash the affected area with copious amounts of water. Contact a physician.
- 4.3 Ingestion: If swallowed, wash out mouth with water provided person is conscious. Contact physician.
- 4.4 Inhalation: If inhaled, remove person to fresh air. If breathing becomes difficult, contact a physician.
- 4.5 Puncture Wounds: Wash thoroughly with water. Allow to bleed freely. Contact physician.
- 4.6 Note to Physician: Not Applicable.

Section 5 - Fire Fighting Measures

- 5.1 Flash Point/Method: Not Available.
- 5.2 Explosive Limits:
 - 5.2.1 Upper: Not Available.
 - 5.2.2 Lower: Not Available.
- 5.3 Autoignition Temperature: Not Available.
- 5.4 Hazardous Combustion Products: Not Available.
- 5.5 Conditions of Flammability: Not Available.
- 5.6 Extinguishing Media: Water spray, dry chemical powder, or appropriate foam.
- 5.7 Fire Fighting Procedures: Not Available.
- 5.8 Explosion Data:
 - 5.8.1 Sensitivity to Mechanical Impact: Not Available.

5.8.2 Sensitivity to Static Discharge: Not Available.

Section 6 - Accidental Release Measures

6.1 Leak and Spill Procedure: Wear chemical-resistant gloves. Absorb spill and place in closed container for disposal. Wash area thoroughly after clean-up is complete.

Section 7 - Handling and Storage

7.1 Handling: Should be handled by trained personnel.

7.2 Storage: Store at: 2-8°C.

Section 8 - Exposure Controls/Personal Protections

8.1 Engineering Controls: Use with adequate ventilation.

8.2 Personal Protective Equipment:

8.2.1 Respiratory Protection: This is a laboratory-use product for which no industrial protective equipment has been designated.

8.2.2 Eye Protection: Safety glasses.

8.2.3 Skin Protection: Lab coat, gloves.

8.3 General Hygiene Considerations: Wash hands after use.

8.4 Exposure Limits:

8.4.1 ACGIH TLV-TWA: Not Available.

8.4.2 OSHA PEL-TWA: Not Available.

Section 9 - Physical/Chemical Properties

9.1 Appearance: Yellow.

9.2 Odor: Odorless.

9.3 Physical State: Powder.

9.4 pH: -----

9.5 Boiling Point:

9.6 Melting Point: Not Applicable.

9.7 Freezing Point:

9.8 Vapor Pressure: Not Available.

9.9 Vapor Density: Not Available.

9.10 Specific Gravity: Not Available.

9.11 Evaporation Rate: Not Available.

9.12 Solubility in Water: Not Available.

9.13 Odor Threshold: Not Available.

9.14 Coefficient of Water/Oil Distribution: Not Available.

Section 10 - Stability / Reactivity

- 10.1 Chemical Stability: Stable.
- 10.2 Conditions to Avoid: Not Available.
- 10.3 Incompatibility (Material to Avoid): Not Available.
- 10.4 Hazardous Decomposition/By-Products: Not Available.
- 10.5 Hazardous Polymerization: Not Available.

Section 11 - Toxicological Information

- 11.1 Effects of Short-Term Exposure: Not Available.
- 11.2 Effects of Long-Term Exposure: Not Available.
- 11.3 Irritancy of Product: Not Available.
- 11.4 Sensitization to Product: Not Available.
- 11.5 Carcinogenicity: Not Available.
- 11.6 Reproductive Toxicity: Not Available.
- 11.7 Teratogenicity and Embryotoxicity: Not Available.
- 11.8 Mutagenicity: Not Available.
- 11.9 Name of Toxicologically Synergistic Products: Not Available.
- 11.10 LD50 (oral , rat) : 10000 mg/kg.
- 11.11 LC50 (specify species): Not Available.

Section 12 - Ecological Information

- 12.1 Not Available.

Section 13 - Disposal Considerations

- 13.1 Waste Disposal Method: Disposal should be in accordance with existing practices at your institution. Observe all federal, provincial, and local laws.

Section 14 - Transport Information

- 14.1 Transport Canada
 - 14.1.1 PIN No.: Not Available.
- 14.2 U.S. Department of Transportation:
 - 14.2.1 Proper Shipping Name: Not Available.
 - 14.2.2 Hazard Class: This substance is not known to be hazardous for transport.
 - 14.2.3 ID. Number: Not Available.
 - 14.2.4 Packing Group: Not Available.
 - 14.2.5 Label Statement: Not Available.

Section 15 - Regulatory Information

15.1 WHMIS Classification: Not Available.

15.2 Note: This MSDS was prepared according to Regulation (EC) No.1907/2006 and contains all the information required by these regulations.