

Section 1. Product and Company Information

Name: Ascomycin

CAS Number: 104987-12-4

Catalog Code: AS

Synonyms FK520

Company Identification Fermentek Ltd.
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Section 2. Composition/Information on Ingredient

EINECS/ELINCS

Chemical Formula: C43H69NO12

Chemical Class:

RTECS KD4185000

TSCA

Section 3. Hazards Identification

Emergency Overview Harmful by inhalation, in contact with skin and if swallowed.

Section 4. First Aid Measures

Eye Contact Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes separating eyelids. Seek medical attention immediately.

Skin Contact Wash with soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately

Inhalation Remove from exposure. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration. Seek medical attention immediately. Provide chemical label and MSDS if possible.

Ingestion Remove dentures and clear mouth. If person is conscious, rinse mouth with water Call physician or poison control immediately. Provide chemical label and MSDS information if possible.

Section 5. Fire and Explosion Data

Flammability Not Available

Flash Point Not Available

Combustion Products CO, CO₂, NO,NO₂,

Extinguishing Media Carbon Dioxide, Dry chemical powder, polymer foam, water spray

Special Firefighting Procedures Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire/Explosion Hazards None known

Section 6 - Accidental Release Measures

Clean-up Wearing appropriate protective gear as outlined under "Protective

Procedures equipment" wipe up spill and place in sealed container and hold for disposal. Avoid raising dust. Ventilate the area and wash spill site after material has been removed

Waste Disposal Method Observe all Federal, State and Local regulations concerning the disposal of this product. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete

Section 7 - Handling and Storage

Protective Equipment For spill clean-up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self contained breathing apparatus or NIOSH/MSHA approved respirator is recommended.

Storage and Handling This product should be kept in a tightly closed container. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material Store at -18°C

Section 8 - Exposure Controls / Personal protection

General Use only in a chemical fume hood. Safety shower and eye bath. Use adequate ventilation to keep airborne concentrations low

Personal protective equipment

- Respiratory: Government approved respirator.
- Hand: Compatible chemical-resistant gloves.
- Eye: Chemical safety goggles.

Section 9. Physical Data

Appearance white crystalline powder

Molecular Weight 736.93

Melting 147 to 148°C

Solubility DMSO, Ethanol, petrol ether. Not soluble in water

Section 10. Stability and Reactivity Data

Stability This material is stable if stored as directed

Conditions to Avoid Excess heat, incompatible materials, strong oxidizers

Incompatibles Reactive with oxidizing agents, acids, alkalis.

Hazardous polymerization Will not occur

Section 11 - Toxicological Information

RTECS#: KD4185000

Route of exposure

- Skin Contact: May cause skin irritation.
- Eye Contact: May cause eye irritation.
- Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.
- Multiple Routes: Harmful if swallowed, inhaled, or absorbed through skin.

Signs and symptoms of exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Data

Ecotoxicological Information: None Available

Section 13 - Disposal Considerations

Appropriate method of disposal of substance or preparation Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

US DOT

- Proper Shipping Name: None
- Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15-Regulatory Information

US Classification And Label Text

- Indication of Danger: Harmful.
- Risk Statements: Harmful by inhalation, in contact with skin and if swallowed.
- Safety Statements: Wear suitable protective clothing

United States Regulatory Information SARA LISTED: No

European Information

- Symbol of Danger: Xn
- Indication of Danger: Harmful.
- Risk Statements: R: 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
- Safety Statements: S: 36/37: Wear suitable protective clothing and gloves

Section 16 -Other Information

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