

Fidaxomicin: sc-362739



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fidaxomicin
Product Number: sc-362739
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Risk Phrase

R22 Harmful if swallowed

Safety Phrases

S24/25 Avoid contact with skin and eyes

S36 Wear suitable protective clothing

Signal Words: Harmful

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Molecular Formula: C₅₂H₇₄Cl₂O₁₈

Molecular weight: 1058.0

Synonyms: Clostomicin B1; Lipiarmycin A3; Tiacumicin B; OPT 80

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>RTECS No.</u>
Fidaxomicin 873857-62-6	-	-	-

SECTION 4. FIRST AID MEASURES

General advice: First aid is not generally required after exposure, however, if discomfort, skin or eye irritation or difficulty breathing develop, seek medical attention.

Inhalation: If breathed in, move person into well ventilated area. If discomfort or difficulty breathing develop seek medical attention.

Skin contact: Wash contaminated skin and hair with soap and water. If discomfort or irritation develop, seek medical attention.

Eye contact: Flush eyes with water as a precaution. If discomfort or irritation develop, seek medical attention.

Ingestion: Following ingestion, immediately give a glass of water. If discomfort develops, seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: No available data

Flash Point: No available data

Combustion Products: No available data

Extinguishing Media: Select fire fighting media appropriate to the other materials involved in the fire.

Special Firefighting Procedures: Material may be flammable at high temperatures. It is recommended that fire fighters should wear protective gear and self-contained breathing apparatus to limit personal exposure.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing dust, vapors, mist or gas. Evacuate personnel to safe areas.

Environmental precautions: Not applicable

Methods and materials for containment and cleaning up: Contain spillage. Sweep up spill and dispose of all contaminated materials safely. Wash spill site with water until all material has been removed.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Conditions for safe storage

Avoid contact with skin and eyes. Wash thoroughly after handling the material.

Storage temperature: Store at -20° C. Store at the indicated temperature in a tightly closed container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: No data available

Biological Limit Values: No data available

Engineering Controls: Use only in a well ventilated area

Personal Protective Equipment: During routine use, wear suitable protective clothing; laboratory coat, gloves and safety glasses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Boiling Point	Not available
Melting Point	Not available	Vapor Density	Not available
Specific Gravity	Not available	Pressure	Not available
Volatility	Not available		

Solubility: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: No data available

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: No data available

Hazardous reactions: No data available

Hazard symbols: Xn – Harmful

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and chronic health effects

Oral LD50: No data available

Inhalation LD50: No data available

Dermal LD50: No data available

Other toxicity: Approximate lethal dose 200mg/kg, (intravenous, rat); >1,000mg/kg (oral, rat)

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Teratogenicity: No data available

Specific target organ toxicity:

Single exposure (globally harmonized system): No data available

Repeated exposure (globally harmonized system): No data available

Aspiration hazard: No data available

Potential health effects

- Inhalation:** May be harmful if inhaled.
Ingestion: May be harmful if swallowed.
Skin: May be harmful if absorbed through the skin.
Eyes: May cause eye irritation.

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

Synergistic effects: No data available

Additional information

RTECS No.: -

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Product: Dispose as for hazardous waste.

Packaging: Dispose of as for unused product.

SECTION 14. TRANSPORT INFORMATION

IMDG: Not dangerous goods

IATA: Not dangerous goods

ADR/RID: Not dangerous goods

Special precautions for user: Not applicable

SECTION 15. REGULATORY INFORMATION

Labeling according to EC directives

Hazard Symbols

Xn Harmful

R-Phrases

R22 Harmful if swallowed

S-Phrases

S24/25 Avoid contact with skin and eyes

S36 Wear suitable protective clothing

SUSDP (Australia only): Not scheduled

Chemical safety assessment: Not carried out

SECTION 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

3/16/2012