

Spinosyn D: sc-362798



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Spinosyn D
Product Number: sc-362798
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 (Hazard Statements): Not applicable
Safety Phrases(Precautionary Statements): Not applicable
Signal Words: Not applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms: Lepicidin D, Antibitic A 83543D,
Molecular Formula: C₄₂H₆₇NO₁₀
Molecular weight: 746.0
RTECS No. NK3488800

<i>CAS-No.</i>	<i>EC-No.</i>	<i>Index-No.</i>	<i>Concentration</i>
Spinosyn D 131929-63-0	-	-	-

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

Emergency procedures

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**

Avoid contact with skin and eyes. Wash thoroughly after handling the material. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage

Storage temperature: -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

Not applicable

Personal Protective Equipment

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Solid

Melting Point

No data available

Solubility

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

Not applicable

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 No data available

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 cause skin irritation.
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

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SECTION 12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS**Product**

Dispose as for other chemical waste.

Packaging

Dispose of as for unused product

SECTION 14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. REGULATORY INFORMATION**Labelling according to EC directives****Hazard Symbols**

Not applicable

R-Phrases

Not applicable

S-Phrases

Not applicable

SUSDP (Australia only) Schedule 5 - Caution – Substances with a low potential for causing harm, the extent of which can be reduced through the use of appropriate packaging with simple warnings and safety directions on the label

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.

5/8/2013