

Bicyclomycin benzoate : sc-362713



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bicyclomycin benzoate
Product Number: sc-362713
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)

R28 Very toxic if swallowed

Safety Phrases (Precautionary Statements)

S24/25 Avoid contact with skin and eyes

S28 After contact with skin, wash immediately with plenty of water

S36/37 Wear suitable protective clothing and gloves

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

Signal Words

Very Toxic

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms Bicozamycin benzoate
Molecular Formula C₁₉H₂₂N₂O₈
Molecular Weight 406.39

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>RTECS No.</u>
Bicyclomycin benzoate 37134-40-0	-	-	DT7470000

SECTION 4. FIRST AID MEASURES

General advice

Seek medical attention immediately following exposure. Remove contaminated clothing and shoes. Move out of contaminated area immediately.

Inhalation

If breathed in, move person into well ventilated area. If not breathing, give artificial respiration Do not give direct mouth to mouth resuscitation. Seek medical attention immediately. Consult a physician.

Skin contact

Wash contaminated skin and hair with soap and water and rinse with water for at least 15 minutes. Remove contaminated clothing and shoes. If discomfort or irritation develop, seek medical attention.

Eye contact

Flush eyes continuously with water whilst holding the eyelids apart. If discomfort or irritation develop, seek medical attention.

Ingestion

Check for and remove dentures. Clear mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention immediately.

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**

Avoid contact with skin and eyes. This product should be handled only by qualified experienced professionals.

Wash thoroughly after handling the material. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage

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, safety glasses and dust mask to avoid inhalation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid	Boiling Point	Not available
Melting Point	No data available	Vapor Density	Not available
Specific Gravity	Not available	Pressure	Not available
Solubility	ethanol, methanol, DMF or DMSO. Partial water solubility.	Volatility	Not available

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

T+ - Very toxic

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 5mg/kg (IP, mouse); LDLo >4mg/kg oral (mouse)

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 Very toxic 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.: DT7470000

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 toxic 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

T+ Very toxic

R-Phrases

R28 Very toxic if swallowed

S-Phrases

S24/25 Avoid contact with skin and eyes

S28 After contact with skin, wash immediately with plenty of water

S36/37 Wear suitable protective clothing and gloves

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

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.

08/11/2014