

Lincomycin: sc-391634



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lincomycin
Product Number: sc-391634
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

2. HAZARDS IDENTIFICATION

Hazard Classification
NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS
Risk Phrase (Hazard Statements)
Not applicable
Safety Phrases (Precautionary Statements)
Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity: Lincomycin
Synonyms: Lincomycin
CAS Number: 154-21-2
Formula: C₁₈H₃₄N₂O₆S
Molecular Weight: 406.54
EC-No.: No available data
Index-No.: No available data
RTECS No.: RH6314000

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

Ingestion

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

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.

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.

7. HANDLING AND STORAGE**Precautions for safe handling**

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

Conditions for safe storage

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

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, safety glasses and dust mask to avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Solid

Melting Point No data available

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

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

11. TOXICOLOGICAL INFORMATION

Acute and chronic health effects

Oral LD50: 1 g/kg (rat); 13.9 g/kg (mouse)

Inhalation LD50: TCL0: 106 mg/m³ (rat)

Dermal LD50: Intradermal 0.8 mg/kg (guinea pig)

Other toxicity: No data available

Skin corrosion / irritation

Intradermal injection produces immunological reaction, including delayed hypersensitivity

Serious eye damage / eye irritation

No data available

Respiratory or skin irritation

No data available

Germ cell mutagenicity

Not identified as a germ cell mutagen

Carcinogenicity

Not identified as a carcinogen

Reproductive toxicity

Suspected human reproductive toxicant

Teratogenicity

Not identified as a teratogen

Specific target organ toxicity (STOT)

Single exposure (globally harmonized system): CNS changes; general depressed activity (somnolence);
blood changes

Repeated exposure (globally harmonized system): Delayed hypersensitivity following inhalation

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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12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Aquatic toxicity

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

13. DISPOSAL CONSIDERATIONS

Product

Dispose as for hazardous waste.

Packaging

Dispose of as for unused product

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

Labeling according to EC directives

Hazard Symbols

Not applicable

R-Phrases

Not applicable

S-Phrases

Not applicable

SUSDP (Australia only)

Schedule 4- Prescription Only Medicine

Chemical safety assessment

Not carried out

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.

11/27/2013