

Ivermectin aglycone: sc-202189



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ivermectin aglycone

Product Number: sc-202189

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

HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Risk Phrase (Hazard Statements)

R20/22 - Harmful by inhalation and if swallowed

Safety Phrases (Precautionary Statements)

S25 - Avoid contact with eyes

S36/37 - Wear suitable protective clothing and gloves

Hazard Symbols



Signal Words

Harmful

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity: Ivermectin aglycone

Synonyms: Dihydroavermectin B1 aglycone; Ivermectin B1 aglycone

CAS Number: 123997-59-1

Formula: C₃₄H₅₀O₈

Molecular Weight: 586.8

EC-No.: -

Index-No.: -

RTECS No.: -

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

Take measures to limit release into the environment.

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. Limited 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

Xn - Harmful

11. TOXICOLOGICAL INFORMATION

Acute and chronic health effects

Oral LD50: No data available

InhalationLD50: 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 irritation

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 (STOT)

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

RTECS #: No data available

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 other chemical 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**

Xn - Harmful

R-Phrases

R20/22 - Harmful by inhalation and if swallowed

S-Phrases

S25 - Avoid contact with eyes

S36/37 - Wear suitable protective clothing and gloves

SUSDP (Australia only)

Not Scheduled

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.

8/28/2014