

6 β -Hydroxy-7 α -(thiomethyl) Spironolactone: sc-210569



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 6 β -Hydroxy-7 α -(thiomethyl) Spironolactone

Product Number: sc-210569

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

Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.

Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

Hazard statement(s):

- Not required.

Precautionary statement(s):

P01 Obtain special instructions before use.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 If exposed or concerned: Get medical advice/attention.

Hazard symbol(s):

- Not required.

R-phrases(s):

- Not required.

S-phrases(s):

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: (6 β ,7 α ,17 α)-6,17-Dihydroxy-7-(methylthio)-3-oxo-pregn-4-ene-21-carboxylic Acid γ -Lactone
6 β -Hydroxy-7 α -(methylthio)spironolactone

Formula: C₂₃H₃₂O₄S

Molecular weight: 404.56

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>Concentration</u>
6 β -Hydroxy-7 α -(thiomethyl) Spironolactone 42219-60-3	-	-	-

4. FIRST AID MEASURES

Eye contact:

Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

Skin contact:

Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

Inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.

Ingestion:

Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.

Notes to Physician:

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Personal precautions:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing media:

In case of fire use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Unusual fire and explosion hazards:

Emits toxic fumes when burned.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Personal precautions:

Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions:

Do not let product enter the drains.

Spills/Leaks:

Sweep up and place the material in appropriate container for disposal. Ventilate area, clean up spills and wash spill site after material pickup is complete, observing precautions in the Protective Equipment section.

7. HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing - see Section 8. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Provide appropriate exhaust ventilation at places where dust is formed.

Storage:

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at -20 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protection equipment:

Eye protection:

Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:

Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection:

Appropriate protective clothing, overalls.

Respiratory protection:

Where risk assessment indicates air-purifying respirators are required use a dust mask type N95 (US) or type P1 (EN 143) respirator. Respirators and components must be tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

Hygiene measures:

Use good working practices. Wash hands and face thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid.	Odor:	No data available.
Odor threshold:	No data available.	pH:	No data available.
Melting point:	No data available.	Boiling point:	No data available.
Flash point:	No data available.	Evaporation rate:	No data available.
Flammability:	No data available.	Flammability or explosive limits:	No data available.
Vapor pressure:	No data available.	Vapor density:	No data available.
Density:	No data available.	Decomposition temperature:	No data available.
Auto-ignition temperature:	No data available.	Viscosity:	No data available.
Solubility:	Soluble in most common organic solvents	Partition coefficient:	No data available.
			n-octanol/water

10. STABILITY AND REACTIVITY**Chemical stability:**

Data not available.

Conditions to avoid:

Avoid oxidizing agents.

Incompatibilities with other materials:

Oxidizing agents.

Hazardous decomposition products:

Harmful and toxic gases.

Hazardous polymerization:

Not known to occur.

11. TOXICOLOGICAL INFORMATION**RTCS #:**

Data not available.

Acute toxicity:

Data not available.

Skin corrosion/irritation:

Data not available.

Serious eye damage/eye irritation:

Data not available.

Respiratory or skin sensitization:

Data not available.

Germ cell mutagenicity:

Data not available.

Carcinogenicity:

Data not available.

Reproductive toxicity:

Data not available.

Specific target organ toxicity - single exposure:

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure:

Data not available.

Aspiration hazard:

Data not available.

Signs and symptoms of exposure:

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

Potential health effects:

Eye: May cause eye irritation.
Skin: May be harmful by skin absorption. May cause skin irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Chronic: No information found.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations. Mix or dissolve the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

DOT (US)	IMDG	IATA
Not dangerous goods	Not dangerous goods	Not dangerous goods

15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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.

5/13/2014