



MATERIAL SAFETY DATA SHEET

SECTION 1. Chemical Product and Company Identification 5-cis Carbaprostacyclin

Product Code: 69609-77-4 , **Reference #:** 18211

Product Name: 5-cis Carbaprostacyclin

CAS Number: 69609-77-4

Chemical Family: Prostaglandins

Synonyms

6,9.alpha.-methylene-11.alpha.,15S-dihydroxy-prosta-5Z,13E-dien-1-oic acid;

(5Z)-6a-Carbaprostaglandin I2

Manufacturer Name and Address:

Cayman Chemical Company

1180 E. Ellsworth Rd.

Ann Arbor, MI. 48108

Cayman Chemical Company

Cayman Chemical Company

Telephone Numbers:

(800)364-9897

(734)971-3335

Dates:

Date Entered:
04/07/2003

Revision: 10/01/2003

Printed: 10/02/2003

SECTION 2. Composition/Information on Ingredients 5-cis Carbaprostacyclin

Hazardous Components (Specific Chemical Identity/Common Name)

Name: 5-cis Carbaprostacyclin

CAS #: 69609-77-4

OSHA PEL: No data.

Percentage: 100.0 %

ACGIH TLV: No data.

SECTION 3. Hazards Identification 5-cis Carbaprostacyclin

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other: Injection

Potential Health Effects (Acute and Chronic)

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

The toxicological properties of this compound have not been fully evaluated.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information

No data available.

Signs and Symptoms Of Exposure

Irritating to the skin, eyes, nose, throat, and respiratory tract.

SECTION 4. First Aid Measures
5-cis Carbaprostacyclin

Emergency and First Aid Procedures

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Note to Physician

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

SECTION 5. Fire Fighting Measures
5-cis Carbaprostacyclin

Flash Pt: No data. **Method Used:** See note below

Explosive Limits: LEL: No data. UEL: No data.

Extinguishing Media

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures
5-cis Carbaprostacyclin

Steps To Be Taken In Case Material Is Released Or Spilled

Vacuum or sweep up material and place in disposal container.

Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

SECTION 7. Handling and Storage
5-cis Carbaprostacyclin

Molecular Formula: C₂₁H₃₄O₄
Molecular Weight: 350.50
pH: No data.
Appearance and Odor
A crystalline solid

SECTION 10. Stability and Reactivity
5-cis Carbaprostacyclin

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability
No data available.
Incompatibility - Materials To Avoid
No data available.
Hazardous Decomposition Or Byproducts
No data available.
Hazardous Polymerization: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization
No data available.

SECTION 11. Toxicological Information
5-cis Carbaprostacyclin

The toxicological effects of this compound have not been thoroughly studied.
Chronic Toxicological Effects
No data available.

SECTION 12. Ecological Information
5-cis Carbaprostacyclin

Runoff from fire control or dilution water may cause pollution.

SECTION 13. Disposal Considerations
5-cis Carbaprostacyclin

Waste Disposal Method
Dispose in accordance with local, state and federal regulations.

SECTION 14. Transport Information
5-cis Carbaprostacyclin

DOT Proper Shipping Name
No data available.
Additional Transport Information
Transport in accordance with local, state, and federal regulations.

SECTION 15. Regulatory Information

5-cis Carbaprostacyclin

Regulatory information on this product is not available.

**SECTION 16. Other Information
5-cis Carbaprostacyclin**

For research use only, not for human or veterinary clinical use.

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