



## MATERIAL SAFETY DATA SHEET

### SECTION 1. Chemical Product and Company Identification 11.beta.-Prostaglandin F2.alpha.

Product Code: 16520 , Reference #: PGT  
 Product Name: 11.beta.-Prostaglandin F2.alpha.  
 CAS Number: 38432-87-0  
 Chemical Family: Prostaglandins

**Synonyms**

9.alpha.,11.beta.,15S-trihydroxy-prosta-5Z,13E-dien-1-oic acid

**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: 06/27/1996  
 Revision: 02/13/2002  
 Printed: 03/13/2002

### SECTION 2. Composition/Information on Ingredients 11.beta.-Prostaglandin F2.alpha.

Hazardous Components (Specific Chemical Identity/Common Name)	CAS #	Percentage
11.beta.-Prostaglandin F2.alpha.	38432-87-0	100.0

### SECTION 3. Hazards Identification 11.beta.-Prostaglandin F2.alpha.

**Emergency Overview**

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

Potential Health Effects (Acute and Chronic)

Contact may cause skin or eye irritation.

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

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

Carcinogenicity/Other Information

**Signs and Symptoms Of Exposure**

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

### SECTION 4. First Aid Measures 11.beta.-Prostaglandin F2.alpha.

**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.

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 15 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

Medical Conditions Generally Aggravated By Exposure

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## **SECTION 5. Fire Fighting Measures**

### **11.beta.-Prostaglandin F2.alpha.**

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Flash Pt: NE or NA Method Used:

Explosive Limits: LEL: UEL:

Autoignition Pt: NE or NA Extinguishing Media

Use alcohol foam, carbon dioxide, or water 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**

**Hazardous Combustion Products**

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## **SECTION 6. Accidental Release Measures**

### **11.beta.-Prostaglandin F2.alpha.**

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**Steps To Be Taken In Case Material Is Released Or Spilled**

Vacuum or sweep up material and place in disposal container.

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

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## **SECTION 7. Handling and Storage**

### **11.beta.-Prostaglandin F2.alpha.**

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**Hazard Label Information:**

Avoid contact with skin and eyes. Do not reuse this container.

Use with adequate ventilation. Wash thoroughly after handling.

**Precautions To Be Taken in Handling**

Avoid contact with eyes, skin, and clothing.

Do not reuse this container.

Pregnant females should avoid exposure to this compound.

Use with adequate ventilation.

Wash thoroughly after handling.

**Precautions To Be Taken in Storing**

Store at correct temperature.

**Other Precautions**

**Work/Hygienic/Maintenance Practices**

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Wash thoroughly after handling.

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Chronic Toxicological Effects

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**SECTION 12. Ecological Information**  
**11.beta.-Prostaglandin F2.alpha.**

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Data not yet available.

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**SECTION 13. Disposal Considerations**  
**11.beta.-Prostaglandin F2.alpha.**

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

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**SECTION 14. Transport Information**  
**11.beta.-Prostaglandin F2.alpha.**

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DOT Proper Shipping Name

Additional Transport Information  
Transport in accordance with local, state, and federal regulations.

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**SECTION 15. Regulatory Information**  
**11.beta.-Prostaglandin F2.alpha.**

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The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any guarantee with regard to the product's properties.

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**SECTION 16. Other Information**  
**11.beta.-Prostaglandin F2.alpha.**

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

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