



## MATERIAL SAFETY DATA SHEET

### SECTION 1. Chemical Product and Company Identification Prostaglandin Metabolite HPLC Mixture

**Product Code:** 10005

**Product Name:** Prostaglandin Metabolite HPLC Mixture

**Chemical Family:** Prostaglandins

**Synonyms**

No data available.

**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: 03/06/2003

Printed: 03/07/2003

### SECTION 2. Composition/Information on Ingredients Prostaglandin Metabolite HPLC Mixture

**Hazardous Components (Specific Chemical Identity/Common Name)**

**Name:** Prostaglandin Metabolite HPLC Mixture

**CAS #:** NA **Percentage:** 0.01 %

**OSHA PEL:** No data. **ACGIH TLV:** No data.

**Name:** Methyl acetate {Methyl ester of acetic acid}

**CAS #:** 79-20-9 **Percentage:** 99.99 %

**OSHA PEL:** 8H TWA:200ppm (610 mg/m<sup>3</sup>) **ACGIH TLV:** No data.

### SECTION 3. Hazards Identification Prostaglandin Metabolite HPLC Mixture

**Emergency Overview**

No data available.

**Route(s) of Entry:** Inhalation? No , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other: Injection

**Potential Health Effects (Acute and Chronic)**

Contact may cause skin or eye irritation.

Material is 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.  
Repeated exposure may cause skin dryness or cracking.  
Vapors may cause drowsiness and dizziness.  
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 Prostaglandin Metabolite HPLC Mixture**

**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 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 Prostaglandin Metabolite HPLC Mixture**

**Flash Pt:** 15.00 F **Method Used:** See note below

**Explosive Limits:** LEL: 3.1% UEL: 16%

**Autoignition Pt:** 936.00 F **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.

Note: Flammable as diluted in methyl acetate

**Flammable Properties and Hazards**

Can release vapors that form explosive mixtures at temperatures at or above the flash point.

Container explosion may occur under fire conditions.

Emits toxic and corrosive fumes under fire conditions.

Flammable liquid.

Vapors can travel to a source of ignition and flash back.

**Hazardous Combustion Products**

carbon dioxide

carbon monoxide



**Physical States:**  Gas ,  Liquid ,  Solid  
**Boiling Point:** No data.  
**Melting Point:** No data.  
**Specific Gravity (Water = 1):** No data.  
**Density:** No data.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** No data.  
**Percent Volatile:** No data.  
**Saturated Vapor Concentration:** No data.  
**Viscosity:** No data.  
**pH:** No data.  
**Appearance and Odor**  
A clear, colorless solution.

### SECTION 10. Stability and Reactivity Prostaglandin Metabolite HPLC Mixture

**Stability:** Unstable  Stable   
**Conditions To Avoid - Instability**  
No data available.  
**Incompatibility - Materials To Avoid**  
No data available.  
**Hazardous Decomposition Or Byproducts**  
carbon dioxide  
carbon monoxide  
**Hazardous Polymerization:** Will occur  Will not occur   
**Conditions To Avoid - Hazardous Polymerization**  
No data available.

### SECTION 11. Toxicological Information Prostaglandin Metabolite HPLC Mixture

The toxicological effects of this compound have not been thoroughly studied.

#### Chronic Toxicological Effects

No data available.

### SECTION 12. Ecological Information Prostaglandin Metabolite HPLC Mixture

Runoff from fire control or dilution water may cause pollution.

### SECTION 13. Disposal Considerations Prostaglandin Metabolite HPLC Mixture

#### Waste Disposal Method

Dispose in accordance with local, state and federal regulations.

## **SECTION 14. Transport Information Prostaglandin Metabolite HPLC Mixture**

**DOT Proper Shipping Name**

Methyl acetate

**DOT Hazard Class:** 3**DOT Hazard Label:** FLAMMABLE LIQUID**UN/NA Number:** 1231**Additional Transport Information**

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

## **SECTION 15. Regulatory Information Prostaglandin Metabolite HPLC Mixture**

Regulatory information on this product is not available.

## **SECTION 16. Other Information Prostaglandin Metabolite HPLC Mixture**

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

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