



MATERIAL SAFETY DATA SHEET

SECTION 1. Chemical Product and Company Identification 8-iso-15(R)-Prostaglandin F2.alpha.

Product Code: 16395 , Reference #: PGT

Product Name: 8-iso-15(R)-Prostaglandin F2.alpha.

Chemical Family: Prostaglandins

Synonyms

9.alpha.,11.alpha.,15R-trihydroxy-(8.beta.)-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: 02/28/2002

Printed: 03/13/2002

SECTION 2. Composition/Information on Ingredients 8-iso-15(R)-Prostaglandin F2.alpha.

Hazardous Components (Specific Chemical Identity/Common Name)	CAS #	Percentage
8-iso-15(R)-Prostaglandin F2.alpha.	NA	1.0
Methyl acetate {Methyl ester of acetic acid}	79-20-9	99.0

SECTION 3. Hazards Identification 8-iso-15(R)-Prostaglandin F2.alpha.

Emergency Overview

Route(s) of Entry: Inhalation? Yes , 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.

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

Signs and Symptoms Of Exposure

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

SECTION 4. First Aid Measures **8-iso-15(R)-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

SECTION 5. Fire Fighting Measures **8-iso-15(R)-Prostaglandin F2.alpha.**

Flash Pt: 15.0 F Method Used:

Explosive Limits: LEL: UEL:

Autoignition Pt: 936.0 F 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.

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.

Emits toxic fumes under fire conditions.

Flammable liquid.

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

Hazardous Combustion Products

carbon dioxide

carbon monoxide

SECTION 6. Accidental Release Measures **8-iso-15(R)-Prostaglandin F2.alpha.**

Steps To Be Taken In Case Material Is Released Or Spilled

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

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

SECTION 7. Handling and Storage **8-iso-15(R)-Prostaglandin F2.alpha.**

Hazard Label Information:

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability

Incompatibility - Materials To Avoid

Hazardous Decomposition Or Byproducts

carbon dioxide

carbon monoxide

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

SECTION 11. Toxicological Information

8-iso-15(R)-Prostaglandin F2.alpha.

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

Chronic Toxicological Effects

SECTION 12. Ecological Information

8-iso-15(R)-Prostaglandin F2.alpha.

Data not yet available.

SECTION 13. Disposal Considerations

8-iso-15(R)-Prostaglandin F2.alpha.

Waste Disposal Method

Dispose in accordance with local, state and federal regulations.

SECTION 14. Transport Information

8-iso-15(R)-Prostaglandin F2.alpha.

DOT Proper Shipping Name

Additional Transport Information

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

SECTION 15. Regulatory Information

8-iso-15(R)-Prostaglandin F2.alpha.

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.

SECTION 16. Other Information

8-iso-15(R)-Prostaglandin F2.alpha.

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

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