

# SAFETY DATA SHEET

Multi-region format

### 15-keto-17-phenyl trinor Prostaglandin F2.alpha.

Revision: 05/18/2015 Supersedes Revision: 12/19/2013

ethyl amide according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008 Section 1. Identification of the Substance/Mixture and of the Company/Undertaking 1.1 **Product Code:** 10010405 Product Name: 15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide Synonyms: N-ethyl-9.alpha.,11.alpha.-dihydroxy-15-keto-17-phenyl-18,19,20-trinor-prost-5Z,13E-dien-1-am de; 15-keto-17-phenyl trinor PGF2.alpha. ethyl amide; 15-keto-Bimatoprost; 1.2 Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses: For research use only, not for human or veterinary use. 1.3 Details of the Supplier of the Safety Data Sheet: **Company Name:** Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 1.4 **Emergency telephone number:** CHEMTREC Within USA and Canada: +1 (800)424-9300 **Emergency Contact:** CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 2.1 **Classification of the Substance or Mixture:** 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 2 Serious Eye Damage/Eye Irritation, Category 2 **Toxic To Reproduction, Category 1B** Specific Target Organ Toxicity (single exposure), Category 3 2.2 Label Elements: 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: **GHS Signal Word:** Danger **GHS Hazard Phrases:** EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapor. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H360: May damage fertility or the unborn child. **GHS Precaution Phrases:** P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking. P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}. P264: Wash {hands} thoroughly after handling. P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P281: Use personal protective equipment as required.



#### **SAFETY DATA SHEET** 15-keto-17-phenyl trinor Prostaglandin F2.alpha.

ethyl amide

Revision: 05/18/2015 Supersedes Revision: 12/19/2013

	GHS Response Phrases	S:
		KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with
	water/shower.	
	P304+340: IF INHALED:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+351+338: IF IN EY	ES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy
	to do. Continue rinsing.	
	P308+313: IF exposed o	r concerned: Get medical attention/advice.
	P312: Call a POISON CE	ENTER or doctor/physician if you feel unwell.
	P337+313: If eye irritation	n persists, get medical advice/attention.
	GHS Storage and Dispo	osal Phrases:
	Please refer to Section 7	for Storage and Section 13 for Disposal information.
2.3	Adverse Human Health	Causes serious eye irritation.
	Effects and Symptoms:	Material may be irritating to the mucous membranes and upper respiratory tract.
		May be harmful by inhalation, ingestion, or skin absorption.
		May cause adverse reproductive effects in males and/or females.
		May cause drowsiness or dizziness.
		May cause gastrointestinal disturbances.
		May cause skin or respiratory system irritation.
		May damage fertility or the unborn child.
		May stimulate contraction of intestinal and reproductive smooth muscle.
		Repeated exposure may cause skin dryness or cracking.
		This chemical has the potential to induce premature labor or abortion.
		To the best of our knowledge, the toxicological properties have not been thoroughly investigated.
1		

## Section 3. Composition/Information on Ingredients

CAS # / RTECS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
1163135-96-3 NA	15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide	1.0 %	NA NA	Acute Tox.(O) 4: H302 Toxic Repro. 1B: H360
79-20-9 Al9100000	Methyl acetate	99.0 %	201-185-2 607-021-00-X	Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H335 H336 EUH066



# SAFETY DATA SHEET

Revision: 05/18/2015 Supersedes Revision: 12/19/2013

Section 4. First Aid Measures 4.1 **Description of First Aid** Measures: In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention. In Case of Skin Contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse. In Case of Eye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel. In Case of Ingestion: 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. 4.2 Important Symptoms and Exposure can cause: diarrhea, dizziness, fever, flushing, headache, hypotension, nausea, Effects, Both Acute and shivering, vomiting. Exposure may cause: coughing, drowsiness, narcosis, optic nerve atrophy, chest tightness. **Delayed:** Section 5. Fire Fighting Measures 5.1 Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Suitable Extinguishing Use water spray to cool fire-exposed containers. Media: Unsuitable Extinguishing A solid water stream may be inefficient. Media: 5.2 Flammable Properties andCan release vapors that form explosive mixtures at temperatures at or above the flash point. Container explosion may occur under fire conditions. Hazards: Emits toxic fumes under fire conditions. Sensitive to static discharge. Vapors can travel to a source of ignition and flash back. Flash Pt: -10.00 C Method Used: Closed Cup LEL: 3.1% **Explosive Limits:** at 25.0 C UEL: 16% at 25.0 C 455.00 C **Autoignition Pt:** 5.3 Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes. Note: Flammable as diluted in methyl acetate. Section 6. Accidental Release Measures 6.1 **Protective Precautions,** Avoid breathing vapors and provide adequate ventilation. Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves). **Emergency Procedures:** 6.2 Take steps to avoid release into the environment, if safe to do so. Environmental Precautions: 6.3 Methods and Material For Contain spill and collect, as appropriate. Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local regulations. Up: Section 7. Handling and Storage 7.1 Precautions To Be Taken Avoid breathing dust/fume/gas/mist/vapours/spray. in Handling: Avoid exposure. Keep away from sources of ignition. Take precautionary measures against static discharge. Multi-region format

4
0
Саитап
CHEMICAL

#### SAFETY DATA SHEET 15-keto-17-phenyl trinor Prostaglandin F2.alpha.

# ethyl amide

Revision: 05/18/2015 Supersedes Revision: 12/19/2013

7.2 Precautions To Be Taken Keep away from heat, sparks, and flame. in Storing:

Keep container tightly closed.

Protect from moisture.

Store in accordance with information listed on the product insert.

**Other Precautions:** 

#### Section 8. Exposure Controls/Personal Protection

8.1	Exposure	Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
1163135-96-3	15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide	No data.	No data.	No data.
79-20-9	Methyl acetate	TWA: 616 mg/m3 (200 ppm) STEL: 770 mg/m3 (250 ppm)	TWA: 610 mg/m3 (200 ppm) STEL: 760 mg/m3 (250 ppm)	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1163135-96-3	15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide	No data.	No data.	No data.
79-20-9	Methyl acetate	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.

8.2 **Exposure Controls:** 

#### 8.2.1 **Engineering Controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. (Ventilation etc.):

#### 8.2.2 Personal protection equipment:

	Eye Protection:	Safety glasses
	Protective Gloves:	Compatible chemical-resistant gloves
	Other Protective Clothing	:Lab coat
	<b>Respiratory Equipment</b>	NIOSH approved respirator, as conditions warrant.
	(Specify Type):	
	Work/Hygienic/Maintenan	Do not take internally.
	ce Practices:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety
		shower.
		Wash thoroughly after handling.
		No data available.

Section 9. Physical and Chemic	al Properties
--------------------------------	---------------

9.1	Information on Basic Physical and Chemical Properties			
	Physical States:	[]Gas [X]Liquid []Solid		
	Appearance and Odor:	Solution		
	Melting Point:	No data.		
	No data.			
	Flash Pt:	-10.00 C Method Used: Closed Cup		
	Evaporation Rate:	No data.		
	Flammability (solid, gas):	No data available.		
	Explosive Limits:	LEL: 3.1% at 25.0 C UEL: 16% at 25.0 C		
	Vapor Pressure (vs. Air or mm	173 MM_HG at 20.0 C		
	Hg):			
	Vapor Density (vs. Air = 1):	No data.		

Multi-region format



### SAFETY DATA SHEET 15-keto-17-phenyl trinor Prostaglandin F2.alpha.

-			13-Kel0-1	-	•			Revis	
ay	man				ethyl am	ide	S	upersedes Revis	ion: 12/19/20
	Specific	Gravity (Water =	1): No da	ata.					
	Solubilit	y in Water:	No da	ata.					
	Autoigni	tion Pt:	455.0	00 C					
9.2	Other Inf	ormation							
	Percent	Volatile:	No da	ata.					
	Molecula	ar Formula & Weig	<b>ght:</b> C25⊦	135NO4	413.5				
			Section	on 10	Stability an	d Reactiv	vitv		
0.1	Reactivit	h.v.	No data avai		Clashity and		vity		
10.1	Stability	-	Unstable [		e[X]				
10.2	Stability		-	-	rdance with inforr	nation listed o	on the product	insert	
0.0	Polymer		Will occur [		not occur [ X ]			moort.	
0.4	-		-	-					
10.4		ns To Avoid:	heat, flames	and spark	S				
0.5	=	itibility - Materials	s acids bases						
	To Avoid	1.	nitrates						
			strong oxidiz	ina agents					
10.6	Hazardo		carbon dioxid	0 0					
10.0		osition or							
	Decomp		carbon monoxide						
	Byprodu	ints:							
	Byprodu	icts:							
	Byprodu	icts:	Sectio	n 11. T	oxicologica	I Informa	ation		
11.1	Byprodu		The toxicolog	gical effect	s of this product h	nave not beer	thoroughly st		
11.1	Informat		The toxicolog	gical effect ite - Toxici	s of this product h ty Data: Oral LD5	nave not beer 60 (rat): >5,00	h thoroughly st 0 mg/kg; Oral	LD50 (rabbit):	
1.1	Informat	ion on	The toxicolog Methyl Aceta Skin LD50 (r	gical effect ate - Toxici abbit): >5,	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala	nave not beer 60 (rat): >5,00 ation TCLO (h	n thoroughly st 0 mg/kg; Oral uman): 15,000	LD50 (rabbit): ) mg/m3; Meth	yl Acetate -
11.1	Informat Toxicolo	ion on ogical Effects:	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data	gical effect ate - Toxici abbit): >5,i a: Skin (ral	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h	nave not beer 0 (rat): >5,00 ation TCLO (h n) mild; Eyes	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
11.1	Informat Toxicolo Chronic	ion on	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C	nave not beer 0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
11.1	Informat Toxicolo	ion on ogical Effects:	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete	nave not beer 0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information.	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
	Informat Toxicolo Chronic Effects:	ion on ogical Effects: Toxicological	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ate RTECS	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete 5 Number: Al9100	nave not beer 60 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information.	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
	Informat Toxicolo Chronic	ion on ogical Effects: Toxicological	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ate RTECS	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete	nave not beer 60 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information.	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
Carcin	Informat Toxicolo Chronic Effects:	ion on ogical Effects: Toxicological	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE nte RTECS IARC M	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete Number: Al9100 onographs? No	nave not beer 60 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information.	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE	LD50 (rabbit): ) mg/m3; Meth ng (24h) moder	yl Acetate - ate;
Carcin CAS #	Informat Toxicolo Chronic Effects:	ion on ogical Effects: Toxicological /:	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No ponents (Che	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ntry in RTE ate RTECS IARC M emical Nat	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete & Number: Al9100 onographs? No	nave not beer 60 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 1000 OSHA Re	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here
Carcin CAS	Informat Toxicolo Chronic Effects: nogenicity	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No ponents (Che	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ntry in RTE ate RTECS IARC M emical Nat	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete & Number: Al9100 onographs? No	nave not beer i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP	a thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m stances (RTE) egulated? No	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA
Carcin CAS	Informat Toxicolo Chronic Effects: nogenicity # 135-96-3	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> /l trinor Prosta	gical effect abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Na glandin F2	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete Number: Al9100 onographs? No me) 2.alpha. ethyl	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a.	a thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m stances (RTE0 egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79-	Informat Toxicolo Chronic Effects: nogenicity # 35-96-3 -20-9	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> /l trinor Prosta	gical effect abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Na glandin F2 On 12.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a.	a thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 m stances (RTE0 egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS	Informat Toxicolo Chronic Effects: nogenicity # 135-96-3	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> At trinor Prosta	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTF ite RTECS IARC M emical Nat glandin F2 On 12. e into the e	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1	Informat Toxicolo Chronic Effects: nogenicity # 35-96-3 -20-9	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> At trinor Prosta	gical effect abit - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Na glandin F2 on 12. e into the e fire control	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1	Informat Toxicolo Chronic Effects: nogenicity # 135-96-3 -20-9 Toxicity: Persiste	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No ponents (Che Avoid release Runoff from f	gical effect abit - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Na glandin F2 on 12. e into the e fire control	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1 12.2	Informat Toxicolo Chronic Effects: nogenicity # 35-96-3 -20-9 Toxicity:	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No ponents (Che Avoid release Runoff from f	gical effect abit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Nate glandin F2 on 12. e into the effire control lable.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1 12.2	Informat Toxicolo Chronic Effects: nogenicity # 35-96-3 -20-9 Toxicity: Persiste Degrada Bioaccu Potentia	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate nce and bility: mulative I:	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> Attrinor Prosta <b>Secti</b> Avoid release Runoff from t No data avai	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Nai glandin F2 on 12. e into the e fire control lable. lable.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79-	Informat Toxicolo Chronic Effects: nogenicity # 35-96-3 -20-9 Toxicity: Persiste Degrada Bioaccu	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate nce and bility: mulative I:	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> Avoid release Runoff from f	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTF ate RTECS IARC M emical Nai glandin F2 on 12. e into the e fire control lable. lable.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1 12.2 12.3	Informat Toxicolo Chronic Effects: nogenicity # 135-96-3 -20-9 Toxicity: Persiste Degrada Bioaccu Potentia Mobility Results	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> Avoid release Runoff from f No data avai No data avai	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ate RTECS IARC M emical Na glandin F2 On 12. e into the e fire control lable. lable.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.
Carcin CAS # 11631 79- 12.1 12.2 12.3 12.4	Informat Toxicolo Chronic Effects: nogenicity # 135-96-3 -20-9 Toxicity: Persiste Degrada Bioaccu Potentia Mobility Results assessm	ion on ogical Effects: Toxicological /: Hazardous Com 15-keto-17-pheny amide Methyl acetate Methyl acetate	The toxicolog Methyl Aceta Skin LD50 (r Irritation Data Only select F See actual e Methyl Aceta NTP? No <b>ponents (Che</b> Avoid release Runoff from f No data avai No data avai	gical effect ate - Toxici abbit): >5, a: Skin (ral Registry of ntry in RTE ate RTECS IARC M emical Na glandin F2 On 12. e into the e fire control lable. lable. lable.	s of this product h ty Data: Oral LD5 000 mg/kg; Inhala bbit): 500 mg (24h Toxic Effects of C ECS for complete S Number: Al9100 onographs? No me) 2.alpha. ethyl Ecological environment.	nave not been i0 (rat): >5,00 ation TCLO (h n) mild; Eyes Chemical Sub information. 000 OSHA Re NTP n.a. n.a. Informat	n thoroughly st 0 mg/kg; Oral uman): 15,000 (rabbit): 100 n stances (RTE egulated? No IARC n.a. n.a.	LD50 (rabbit): D mg/m3; Meth ng (24h) moder CS) data is pre	yl Acetate - rate; sented here OSHA n.a.

1			SAFETY	<b>DATA SHE</b>	ET	Page: 6 of 7	
		15-keto-17-phenyl trinor Prostaglandin F2.alpha. Revision: 05/18/2					
ayman			sedes Revision: 12/19/2013				
		Section 2	13. Dispos	al Considerat	ions		
13.1 Waste Dis	sposal Method:	Dispose in accor	dance with loca	l, state, and federal r	egulations.		
		Sectior	n 14. Trans	sport Informat	tion		
14.1 LAND TR	ANSPORT (US I	DOT):					
DOT Proper	Shipping Name:	Methyl Aceta	ate Solution				
DOT Hazard	Class:	3	FLAMMABI	E LIQUID			
UN/NA Numl	ber:	1231		Packing Grou	ıp:	II	
14.1 LAND TR	ANSPORT (Euro	ppean ADR/RID):					
	ipping Name:	Methyl Acetate Solution 1231 Packing Group:					
UN Number:				Packing Grou	II		
Hazard Class	s:	3 - FLAMMA	3 - FLAMMABLE LIQUID				
14.3 AIR TRAI	NSPORT (ICAO/I	ATA):					
ICAO/IATA S	Shipping Name:	Methyl Aceta	cetate Solution				
UN Number:		1231		Packing Group:		II	
Hazard Class	s:	3 - FLAMMABLE LIQUID		IATA Classification:		3	
Additional Trans	sport	When sold in qu E1, E2, E4, or E	antities of less t 5, this item mee	ets the De Minimis Qu	, or 1 g, with an Ex uantities exemption	xcepted Quantity Code of n, per IATA 2.6.10. s/Excepted Quantity.	
		Section	15. Regul	atory Informa	tion		
EPA SARA (Sup	erfund Amendm	ents and Reauth	orization Act o	of 1986) Lists			
CAS #	AS # Hazardous Components (Chemical Name)		S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)		
1163135-96-3 15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide		No	No	No			
79-20-9	Methyl acetate			No	No	No	
CAS #	Hazardous Com	ponents (Chemic	cal Name)	Other US EPA or S	State Lists		
1163135-96-3	15-keto-17-phenyl trinor Prostaglandin F2.alpha.			CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA			

 
 ethyl amide
 PROP.65: No

 79-20-9
 Methyl acetate
 CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -Inventory, 4 Test, 8A PAIR; CA PROP.65: No

Regulatory Information

Statement:

This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.



#### SAFETY DATA SHEET keto-17-phenyl trinor Prostaglandin F2.a

Page: 7 of 7

15-keto-17-phenyl trinor Prostaglandin F2.alpha. ethyl amide Superse

Revision: 05/18/2015 Supersedes Revision: 12/19/2013

#### Section 16. Other Information

Revision Date:	05/18/2015
Additional Information About	No data available.
This Product:	
Company Policy or Disclaimer:	DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for

their particular purposes.