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Revision: 01/24/2013 Supercedes Revision: 03/06/2003

Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108



Product Code:	10005				
Product Name:	Prostaglandin Metabolite HPLC Mixture				
Intended Use:	For research use only, not for human or veterinary use.				
Manufacturer Information		,			
Company Name:	Cayman Chemica	al Company			
Emergency Contact:	CHEMTREC Within USA and Canada: +1 (800)424-9300				
Alternate Emergency Contact:	CHEMTREC Ou				
Information:	Cayman Chemical Company +1 (734)971-3335				
Web site address:	www.caymanche		+1 (75+)71-5555		
Web Sile autress.	-				
	2. Haza	rds Identif	ication		
GHS Classification	Placard	Key word	GHS Hazard		
Acute Toxicity: Oral, Category 4	Exclamation point	Warning	Harmful if swallowed		
Toxic To Reproduction, Category 1B	Health hazard	Danger	May damage fertility or the unborn child		
Flammable Liquids, Category 2	Flame	Danger	Highly flammable liquid and vapor		
Serious Eye Damage/Eye Irritation, Category	Exclamation	Warning	Causes serious eye irritation		
2A	point				
Target Organ Systemic Toxicity (single exposure), Category 3	Exclamation	Warning	May cause respiratory irritation, or may cause drowsines and dizziness		
GHS Hazard Phrases:	point H302: Harmful if	swallowed	and dizziness		
	<ul> <li>H225: Highly flammable liquid and vapor</li> <li>H316: Causes mild skin irritation.</li> <li>H319: Causes serious eye irritation</li> <li>H336: May cause drowsiness or dizziness.</li> <li>EUH066: Repeated exposure may cause skin dryness or cracking.</li> </ul>				
GHS Precaution Phrases:	<ul> <li>P264: Wash hands thoroughly after handling.</li> <li>P201: Obtain special instructions before use.</li> <li>P202: Do not handle until all safety precautions have been read and understood.</li> <li>P281: Use personal protective equipment as required.</li> <li>P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking.</li> <li>P280: Wear protective gloves/clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.</li> <li>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.</li> </ul>				
GHS Response Phrases:	P330: Rinse mou P308+313: IF exp P303+361+353: I Rinse skin with w P305+351+338: I lenses, if present P337+313: If eye P309+311: Call a	th. posed or concern IF ON SKIN (or vater/shower. IF IN EYES: Rin and easy to do. C irritation persist POISON CENT	Ill a POISON CENTER or doctor/physician if you feel unwo ed: Get medical attention/advice. nair): Remove/take off immediately all contaminated clothir se cautiously with water for several minutes. Remove contact continue rinsing. s, get medical advice/attention. ER or doctor/physician if exposed or you feel unwell. e victim to fresh air and keep at rest in a position comfortable		



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GHS Storage and Disposal Phrases:	Please refer to Section 7 for Storage and Section 13 for Disposal information.							
Route(s) of Entry:	Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection							
Potential Health Effects (Acute and Chronic):	Causes serious eye irritation.							
	Causes mild skin irritation.							
	Exposure may cause vasodilation and an inhibition of platelet aggregation.							
	Harmful if swallowed.							
	Material may be irritating to the mucous membranes and upper respiratory tract.							
	May be harmful by inhalation or skin absorption.							
	May cause adverse reproductive effects in males and/or females.							
	May cause gastrointestinal disturbances.							
	May cause harm to the unborn child.							
	May cause respiratory system irritation.							
	May impair fertility.							
	May stimulate contraction of intestinal and reproductive smooth muscle.							
	Repeated exposure may cause skin dryness or cracking.							
	Vapors may cause drowsiness and dizziness.							
	This chemical has the potential to induce premature labor or abortion.							
Target Organs:	Central nervous system, Eyes, Reproductive system, Gastrointestinal System, Kidneys, Smooth muscles, Respiratory system, Endocrine system, Skin.							
LD 50 / LC 50:	Please refer to Section 11.							
Signs and Symptoms Of Exposure:	Exposure can cause: diarrhea, dizziness, fever, flushing, headache, hypotension, nausea, shivering, vomiting.							
	Exposure may cause: coughing, drowsiness, narcosis, optic nerve atrophy, chest tightness.							
	Exposure may cause sensitization.							
	To the best of our knowledge, the toxicological properties have not been thoroughly investigated.							
Medical Conditions Generally Aggravated By	No data available.							

Exposure:

5. 001	position/Ir	nformation of	on ingredie	nts	
Hazardous Components (Chemical Name)	CAS #	Concentration	EC#	Risk Phrases	RTECS #
1. 13,14-dihydro-15-keto Prostaglandin F2.alpha	27376-76-7	0.02 %	NA	R22-60-61	NA
2. 11.betaProstaglandin F2.alpha.	38432-87-0	0.02 %	NA	R22-60-61	NA
<ol> <li>Prostaglandin F2.beta.</li> </ol>	4510-16-1	0.02 %	NA	R22-60-61	MJ9658000
4. 13,14-dihydro-15-keto Prostaglandin E2	363-23-5	0.02 %	NA	R22-60-61	NA
5. 13,14-dihydro-15-keto Prostaglandin D2	59894-07-4	0.02 %	NA	R22-60-61	UK8420800
6. Methyl acetate	79-20-9	99.9 %	201-185-2	R11-36-66-67	AI9100000
	4. First	Aid Measu	ires		
Emergency and First Aid Procedures:					
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 20 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 20 minutes. Have eyes examined and tested by medical personnel.				
	examined and tes	ted by medical pers	onnel.		lave eyes
In Case of Ingestion:	Wash out mouth	with water provided	l person is conscio	us. Never give anything duce vomiting unless di	by mouth to an



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	5. FIre FI	ghting Measures			
Suitable Extinguishing Media:	Use alcohol-resist	ant foam, carbon dioxide, wate	er, or dry chemical spray.		
	Use water spray to	o cool fire-exposed containers.			
Unsuitable Extinguishing Media:	A solid water stre	am may be inefficient.			
	Can release vapors that form explosive mixtures at temperatures at or above the flash point. Container explosion may occur under fire conditions. 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 Metho	d Used: Closed Cup			
Autoignition Pt:	455.00 C				
Explosive Limits:	LEL: 3.1% at 25.0 C UEL: 16.0% at 25.0 C				
	No data available.				
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.				
6.	Accidenta	I Release Measure	es		
Equipment and Emergency Procedures:	Avoid breathing vapors and provide adequate ventilation. 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).				
Environmental Precautions:	Take steps to avoi	d release into the environment	, if safe to do so.		
	Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.				
	7. Handl	ing and Storage			
Precautions To Be Taken in Handling:	Avoid breathing d	lust/fume/gas/mist/vapours/spra	ay.		
	Avoid exposure.				
		sources of ignition.			
	Take precautionar	ry measures against static disch	arge.		
-	1 2	neat, sparks, and flame.			
	Keep container tig		1		
		ce with information listed on th	e product insert.		
Other Precautions:	Protect from mois	sture.			
	Avoid contact wit Wash thoroughly	-	e this container. Use w	ith adequate ventilation	
8. Exp	osure Con	trols/Personal Pro	tection		
lazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TWA	Other Limits	
. 13,14-dihydro-15-keto Prostaglandin F2.alpha.	27376-76-7	No data.	No data.	No data.	
. 11.betaProstaglandin F2.alpha.	38432-87-0	No data.	No data.	No data.	
. Prostaglandin F2.beta.	4510-16-1	No data.	No data.	No data.	
. 13,14-dihydro-15-keto Prostaglandin E2	363-23-5	No data.	No data.	No data.	
i. 13,14-dihydro-15-keto Prostaglandin D2	59894-07-4	No data.	No data.	No data.	
<ol> <li>Methyl acetate</li> </ol>	79-20-9	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.	
Hazardous Components (Chemical Name)	CAS #	Britain EH40	France VL	Europe	
1. 13,14-dihydro-15-keto Prostaglandin F2.alpha.	27376-76-7	No data.	No data.	No data.	



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Hazardous Components (Chemical Name)	CAS #	Britain EH40	France VL	Europe	
2. 11.betaProstaglandin F2.alpha.	38432-87-0	No data.	No data.	No data.	
3. Prostaglandin F2.beta.	4510-16-1	No data.	No data.	No data.	
4. 13,14-dihydro-15-keto Prostaglandin E2	363-23-5	No data.	No data.		
5. 13,14-dihydro-15-keto Prostaglandin D2	59894-07-4	No data.	No data. No data.		
6. Methyl acetate	79-20-9	TWA: 616 mg/m3 (200 ppm)	TWA: 610 mg/m3 (200 ppm)	No data.	
		STEL: 770 mg/m3 (250 ppm)	STEL: 760 mg/m3 (250 ppm)		
Protective Equipment Summary - Hazard	Compatible chem	ical-resistant gloves Eye wash	station in work area Lab coa	t Safety	
Label Information:	glasses Safety	shower in work area Vent Hoo	od		
Engineering Controls (Ventilation etc.):	Use process enclo	osures, local exhaust ventilation,	or other engineering controls to	control airborne	
	levels below reco	mmended exposure limits.			
Eye Protection:	Safety glasses				
Protective Gloves:	Compatible chem	ical-resistant gloves			
Other Protective Clothing:	Lab coat				
Respiratory Equipment (Specify Type):	NIOSH approved respirator, as conditions warrant.				
Work/Hygienic/Maintenance Practices:	Do not take interr	nally.			
	Facilities storing	or utilizing this material should b	be equipped with an eyewash an	d a safety	
	shower.				
	Wash thoroughly	after handling.			
Environmental Exposure Controls:	No data available				
9. P	hysical an	d Chemical Propert	ties		
Information on Basic Physical and Chemical Pr	operties	•			

· ·	•
Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Solution
Melting Point:	No data.
Boiling Point:	No data.
Flash Pt:	-10.00 C Method Used: Closed Cup
Evaporation Rate:	No data.
Explosive Limits:	LEL: 3.1% at 25.0 C UEL: 16.0% at 25.0 C
Vapor Pressure (vs. Air or mm Hg):	173 MM_HG at 20.0 C
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	No data.
Solubility in Water:	No data.
Autoignition Pt:	455.00 C
Explosive Properties:	No data available.
Oxidizing Properties:	No data available.
Other Information	
Percent Volatile:	No data.
	10. Stability and Reactivity
Reactivity:	No data available.
Stability:	Unstable [ ] Stable [ X ]
Stability Note(s):	Stable if stored in accordance with information listed on the product insert.
Conditions To Avoid:	heat, flames and sparks

Multi-region format



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Polymerization:	Will occur [ ]	Will not occur [ 2	K ]		
Incompatibility - Materials To Avoid: acids bases					
	nitrates				
	strong oxidizing a	agents			
Hazardous Decomposition Or Byproducts:	carbon dioxide				
	carbon monoxide				
	11. Toxicol	ogical Infor	mation		
Toxicological Information:	The toxicological	effects of this prod	uct have not been thore	oughly studied.	
	Methvl Acetate -	Toxicity Data: Oral	LD50 (rat): >5,000 mg	g/kg: Oral LD50 (rat	obit): 3,705
	-	-	ng/kg; Inhalation TCLO		
	Methyl Acetate -	Irritation Data: Skir	n (rabbit): 500 mg (24h	) mild; Eyes (rabbit)	: 100 mg (24h)
	moderate;				
Chronic Toxicological Effects:	Only select Regis	try of Toxic Effects	of Chemical Substanc	es (RTECS) data is j	presented here.
	-	n RTECS for compl			
	Methyl Acetate R	TECS Number: AI9	9100000		
Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
. 13,14-dihydro-15-keto Prostaglandin F2.alpha.	27376-76-7	n.a.	n.a.	n.a.	n.a.
. 11.betaProstaglandin F2.alpha.	38432-87-0	n.a.	n.a.	n.a.	n.a.
. Prostaglandin F2.beta.	4510-16-1	n.a.	n.a.	n.a.	n.a.
. 13,14-dihydro-15-keto Prostaglandin E2	363-23-5	n.a.	n.a.	n.a.	n.a.
. 13,14-dihydro-15-keto Prostaglandin D2	59894-07-4	n.a.	n.a.	n.a.	n.a.
. Methyl acetate	79-20-9	n.a.		n.a.	n.a.
Carcinogenicity:	NTP? No IA	RC Monographs? N	lo OSHA Regulat	red? No	
	12. Ecolo	gical Inform	ation		
General Ecological Information:		the environment.			
-	Avoid release into		vater may cause polluti	on.	
	Avoid release into Runoff from fire			on.	
	Avoid release into Runoff from fire 13. Dispos	control or dilution w			
	Avoid release into Runoff from fire o <b>13. Dispos</b> Dispose in accord	control or dilution w	te, and federal regulation		
Waste Disposal Method:	Avoid release into Runoff from fire of 13. Dispos Dispose in accord 14. Trans	control or dilution w al Consider lance with local, sta	te, and federal regulation		
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling larmful if swallowed	control or dilution w al Consider lance with local, sta sport Inform	rations te, and federal regulation		
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling Iarmful if swallowed ! May damage fertil	control or dilution w al Consider lance with local, stat sport Inform	rations te, and federal regulation		
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Higi	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling Iarmful if swallowed ! May damage fertil hly flammable liquid	control or dilution w al Consider lance with local, stat sport Inform	rations te, and federal regulation		
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling farmful if swallowed May damage fertil hly flammable liquid 2A - Warning! Cause	control or dilution w al Consider lance with local, stat sport Inform l ity or the unborn child d and vapor es serious eye irritation	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Hig Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single expose	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling farmful if swallowed May damage fertil hly flammable liquid 2A - Warning! Cause	control or dilution w al Consider lance with local, stat sport Inform l ity or the unborn child d and vapor es serious eye irritation	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Hig Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single expose LAND TRANSPORT (US DOT)	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling farmful if swallowed May damage fertil hly flammable liquid 2A - Warning! Cause	control or dilution w cal Consider lance with local, stat sport Inform l ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Hig Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single expose LAND TRANSPORT (US DOT)	Avoid release into Runoff from fire of 13. Dispose Dispose in accord 14. Trans and Labelling farmful if swallowed '! May damage fertil hly flammable liquid 2A - Warning! Cause ire), Category 3 - W	control or dilution w cal Consider lance with local, stat sport Inform l ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Hig Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single expose LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class:	Avoid release into Runoff from fire of <b>13. Dispose</b> Dispose in accord <b>14. Trans</b> <b>and Labelling</b> larmful if swallowed '! May damage fertil hly flammable liquid 2A - Warning! Cause ure), Category 3 - W Methyl Acetate S	control or dilution w al Consider lance with local, star sport Inform ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res olution	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Hig Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single expose LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: DOT Hazard Label:	Avoid release into Runoff from fire of <b>13. Dispose</b> Dispose in accord <b>14. Trans</b> <b>and Labelling</b> Iarmful if swallowed '! May damage fertil hly flammable liquid 2A - Warning! Cause ure), Category 3 - W Methyl Acetate S 3	control or dilution w al Consider lance with local, star sport Inform ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res olution	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Higl Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single exposed LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: DOT Hazard Label: UN/NA Number:	Avoid release into Runoff from fire of <b>13. Dispose</b> Dispose in accord <b>14. Trans</b> <b>and Labelling</b> Iarmful if swallowed ! May damage fertil hly flammable liquid 2A - Warning! Cause ure), Category 3 - W Methyl Acetate S 3 FLAMMABLE L	control or dilution w al Consider lance with local, star sport Inform ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res olution	rations te, and federal regulation	ons.	lizziness
Waste Disposal Method: Globally Harmonized System of Classification Acute Toxicity: Oral, Category 4 - Warning! H Toxic To Reproduction, Category 1B - Danger Flammable Liquids, Category 2 - Danger! Higl Serious Eye Damage/Eye Irritation, Category 2 Target Organ Systemic Toxicity (single exposed LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: DOT Hazard Label: UN/NA Number:	Avoid release into Runoff from fire of <b>13. Dispose</b> Dispose in accord <b>14. Trans</b> <b>and Labelling</b> Iarmful if swallowed '! May damage fertil hly flammable liquid 2A - Warning! Cause ire), Category 3 - W Methyl Acetate S 3 FLAMMABLE L 1231	control or dilution w al Consider lance with local, star sport Inform ity or the unborn child 1 and vapor es serious eye irritation arning! May cause res olution	rations te, and federal regulation	ons.	lizziness



Revision: 01/24/2013

	ostagianam				on: 01/24/2013
UN Number:	1231			Supercedes Revisi	01. 03/06/2003
Hazard Class:					
	3 - FLAMMABL	ELIQUID			
Packing Group:	II				
AIR TRANSPORT (ICAO/IATA)					
ICAO/IATA Shipping Name	Methyl Acetate S	olution			
UN Number:	1231				
Hazard Class:	3 - FLAMMABL	E LIOUID			
Packing Group:	II				
IATA Classification:	3				
Additional Transport Information:	Transport in acco	rdance with local, s	state, and federal regu	llations.	
	15. Regul	atory Inform	nation		
European Community Hazard Symbol codes	<b>s</b> F: Highly Flamm	able; Xn: Harmful			
European Community Risk and Safety Phra	ses				
R11 - Highly flammable.					
R22 - Harmful if swallowed.					
R36 - Irritating to eyes.					
R60 - May impair fertility.					
R61 - May cause harm to the unborn					
<ul><li>R66 - Repeated exposure may cause s</li><li>R67 - Vapours may cause drowsiness</li></ul>		5			
S16 - Keep away from sources of igni					
S24/25 - Avoid contact with skin and ex					
S26 - In case of contact with eyes, rin		enty of water and seek	medical advice.		
S29 - Do not empty into drains.					
S33 - Take precautionary measures ag					
S36/37/39 - Wear suitable protective clot		-			
<ul> <li>S45 - In case of accident or if you fee</li> <li>S53 - Avoid exposure - obtain special</li> </ul>			how the label whenever	possible.)	
S53 - Avoid exposure - obtain special US EPA SARA Title III	linstructions before use				
	0.00 //	0	0		0
Iazardous Components (Chemical Name) . 13,14-dihydro-15-keto Prostaglandin F2.alp	CAS # ha. 27376-76-7	Sec.302 (EHS) No	Sec.304 RQ No	Sec.313 (TRI) No	Sec.110
. 11.betaProstaglandin F2.alpha.	38432-87-0	No	No	No	No
. Prostaglandin F2.beta.	4510-16-1	No	No		_
. FIUSiayianun FZ.Deia.	4310-10-1	NO			No
12.14 dibudro 15 koto Prostaglandin E2	262.22.5	No	No	No	No
· · · · · · · · · · · · · · · · · · ·	363-23-5	No	No	No	No
5. 13,14-dihydro-15-keto Prostaglandin D2	59894-07-4	No	No	No No	No No
<ul><li>5. 13,14-dihydro-15-keto Prostaglandin D2</li><li>5. Methyl acetate</li></ul>		No		No	No
<ul> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> </ul> Other US EPA or State Lists	59894-07-4	No	No	No No	No No
13,14-dihydro-15-keto Prostaglandin D2     Methyl acetate Other US EPA or State Lists lazardous Components (Chemical Name)	59894-07-4 79-20-9 CAS #	No No	No No	No No No	No No No
<ul> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alp</li> </ul>	59894-07-4 79-20-9 CAS #	No No CAA HAP,ODC	No No CWA NPDES	No No No TSCA	No           No           No           CA PROP.63
<ul> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alp</li> <li>11.betaProstaglandin F2.alpha.</li> </ul>	59894-07-4 79-20-9 CAS # ha. 27376-76-7	No No CAA HAP,ODC No	No No CWA NPDES No	No No No TSCA No	No No No CA PROP.6
<ul> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alp</li> <li>11.betaProstaglandin F2.alpha.</li> <li>Prostaglandin F2.beta.</li> </ul>	59894-07-4           79-20-9           CAS #           ha.         27376-76-7           38432-87-0	No No CAA HAP,ODC No No	No       No       CWA NPDES       No       No	No       No       No       TSCA       No       No	No       No       CA PROP.63       No       No
<ul> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alp</li> <li>11.betaProstaglandin F2.alpha.</li> <li>Prostaglandin F2.beta.</li> <li>13,14-dihydro-15-keto Prostaglandin E2</li> </ul>	59894-07-4 79-20-9 <b>CAS #</b> ha. 27376-76-7 38432-87-0 4510-16-1	No No CAA HAP,ODC No No No	No       No       CWA NPDES       No       No       No       No	No       No       No       TSCA       No       No       No       No	No       No       No       CA PROP.65       No       No       No
<ol> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alpha.</li> <li>Prostaglandin F2.beta.</li> <li>13,14-dihydro-15-keto Prostaglandin E2</li> <li>13,14-dihydro-15-keto Prostaglandin E2</li> </ol>	59894-07-4 79-20-9 <b>CAS #</b> ha. 27376-76-7 38432-87-0 4510-16-1 363-23-5	No No CAA HAP,ODC No No No No	No       No       CWA NPDES       No       No       No       No       No       No	No       No       No       TSCA       No       No       No       No       No       No	No       No       No       CA PROP.63       No       No       No       No       No
<ol> <li>13,14-dihydro-15-keto Prostaglandin D2</li> <li>Methyl acetate</li> <li>Other US EPA or State Lists</li> <li>Hazardous Components (Chemical Name)</li> <li>13,14-dihydro-15-keto Prostaglandin F2.alp</li> <li>11.betaProstaglandin F2.alpha.</li> <li>Prostaglandin F2.beta.</li> <li>13,14-dihydro-15-keto Prostaglandin E2</li> <li>13,14-dihydro-15-keto Prostaglandin E2</li> <li>13,14-dihydro-15-keto Prostaglandin D2</li> </ol>	59894-07-4           79-20-9           CAS #           ha.         27376-76-7           38432-87-0           4510-16-1           363-23-5           59894-07-4           79-20-9	No No CAA HAP,ODC No No No No No No	No         No         CWA NPDES         No         No	No       No       No       TSCA       No       No       No       No       No       No       Inventory, 4 Test,	No       No       No       CA PROP.65       No       No



Revision: 01/24/2013 Supercedes Revision: 03/06/2003

#### 16. Other Information

**Revision Date:** 

#### **Company Policy or Disclaimer**

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

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.

N.A.=Not available, N.P.=Not applicable, N.D.=Not determined, N.E.=Not established, N.R.=Not required

01/24/2013