

Revision: 06/25/2013

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



Section 1. Iden	tification of	the Substa	nce/Mixture a	and of the	
1.1 Product Code:	34003				
Product Name:	.omega3 Hydro	xy Acid HPLC Mixt	ure		
1.2 Relevant identified uses of the substan	ce or mixture and	uses advised agair	nst		
Relevant identified uses:	For research use	only, not for human	or veterinary use.		
1.3 Details of the Supplier of the Safety Dat	a Sheet				
Company Name:	Cayman Chemica	al Company			
Emergency Contact:	CHEMTREC Wi	ithin USA and Canac	la: +1 (800)424	-9300	
Alternate Emergency Contact:	CHEMTREC Ou	tside USA and Cana	da: +1 (703)527	-3887	
Information:	Cayman Chemica	al Company	+1 (734)971-3335		
Web site address:	www.caymanche	em.com			
Se	ection 2. H	lazards Iden	tification		
GHS Classification	Placard	Key word	GHS hazard phras	e	
Flammable Liquids, Category 2	Flame	Danger	Highly flammable lic	uid and vapor	
Serious Eye Damage/Eye Irritation, Category 2A	Exclamation point	Warning	Causes serious eye	irritation	
GHS Hazard Phrases:		mmable liquid and v rious eye irritation.	apor.		
GHS Precaution Phrases:	P280: Wear {pro		open flames/hot surfactive clothing/eye protections thandling.	· •	n}.
GHS Response Phrases:	P303+361+353: Rinse skin with v P305+351+338: lenses, if present	IF ON SKIN (or hair vater/shower. IF IN EYES: Rinse c and easy to do. Cont): Remove/take off ir cautiously with water	for several minutes.	-
GHS Storage and Disposal Phrases:	Please refer to Se	ection 7 for Storage a	and Section 13 for Dis	posal information.	
2.3 Adverse Human Health Effects and Symptoms:	May be harmful	irritating to the muco by inhalation, ingesti	ous membranes and u on, or skin absorption icological properties	1.	
Target Organs:	Central nervous s Skin.	system, Blood, Eyes,	Reproductive system	, Heart, Respiratory	system, Liver,
LD 50 / LC 50:	Please refer to Se	ection 11.			
Medical Conditions Generally Aggravated By Exposure:	No data available	2.			
Section 3.	Compositi	on/Informati	on on Ingred	ients	
Hazardous Components (Chemical Name)	CAS #	Concentration	EC#	Risk Phrases	RTECS #

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Hazardous Components (Chemical Name)	CAS #	Concentration	EC#	Risk Phrases	RTECS #
1. 5(S)-HEPE	92008-51-0	0.002 %	NA	No phrases apply.	NA
2. 12(S)-HEPE	116180-17-7	0.002 %	NA	No phrases apply.	NA



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	dous Components (Chemical Name)	CAS #	Concentration	EC#	Risk Phrases	RTECS #
	5(S)-HEPE	86282-92-0	0.002 %	NA	R36/37/38	NA
	3(S)-HOTrE	87984-82-5	0.002 %	NA	No phrases apply.	NA
	5(S)-HEtrE	92693-02-2		NA	No phrases apply.	NA
6. Et	hyl alcohol	64-17-5		200-578-6	R11-36	KQ6300000
		Section 4.	First Aid M	easures		
4.1	Description of First Aid Measures:					
4.1.1	In Case of Inhalation:		air. If not breathing mediate medical a	-	spiration or give oxygen by	/ trained
4.1.2	In Case of Skin Contact:	-	-		for at least 20 minutes. Reatoms occur. Wash clothing	
4.1.3	In Case of Eye Contact:		t and flush eyes wi ted by medical per		for at least 20 minutes. Ha	ive eyes
4.1.4	In Case of Ingestion:		on. Get medical att	-	ous. Never give anything b nduce vomiting unless dire	-
4.2 Both	Important Symptoms and Effects, Acute and Delayed:	-			ss, headache, heart damage ductive effects, teratogenic	
4.3 atten	Indication of any immediate medical tion and special treatment needed:	No data available				
	Se	ection 5. Fi	re Fighting	Measures		
5.1	Suitable Extinguishing Media:	Use alcohol-resis	<u> </u>	lioxide, water, or	dry chemical spray.	
	Unsuitable Extinguishing Media:	A solid water stre	am may be ineffic	ient.		
5.2	Flammable Properties and Hazards:	Container explosi Emits toxic fume Sensitive to static	on may occur under s under fire conditi	er fire conditions. ons.	mperatures at or above the s	flashpoint.
	Flash Pt:	14.00 C Method	d Used: Closed C	up		
	Autoignition Pt:	363.00 C		-		
	Explosive Limits:	LEL: 3.3%	at 25.0 C U	JEL: 19.0%	at 25.0 C	
	Hazardous Combustion Products:			JLL. 17.U%	at 23.0 C	
5.3	Fire Fighting Instructions:	equivalent), and f	ear self-contained b	to prevent contac	s pressure-demand (NIOSI t with skin and eyes.	I approved or
	Section	on 6. Accid	ental Relea	ase Measu	res	
6.1 Equij	Protective Precautions, Protective pment and Emergency Procedures:	As conditions wa		H approved self-	ion. contained breathing apparate ety goggles, and heavy rub	-
6.2	Environmental Precautions:	Take steps to avo	id release into the	environment, if sa	fe to do so.	
6.3	Methods and Material For ainment and Cleaning Up:	Contain spill and	collect, as appropr	iate.	accordance with local regu	llations.
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S	ection 7. H	andling and Storag	е	
7.1 Precautions To Be Taken in Handling:		lust/fume/gas/mist/vapours/spray		
	Avoid prolonged	or repeated exposure.		
		sources of ignition.		
	Take precautional	ry measures against static dischar	·ge.	
7.2 Precautions To Be Taken in Storing:	Keep away from	heat, sparks, and flame.		
	Keep container tig	ghtly closed.		
	Store in accordan	ce with information listed on the	product insert.	
Other Precautions:	Hygroscopic.			
Hazard Label Information:	Avoid contact with	th skin and eyes. Do not reuse	this container. Use with ad	equate ventilation
	Wash thoroughly	after handling.		
Section 8.	Exposure	Controls/Personal I	Protection	
Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. 5(S)-HEPE	92008-51-0	No data.	No data.	No data.
2. 12(S)-HEPE	116180-17-7	No data.	No data.	No data.
3. 15(S)-HEPE	86282-92-0	No data.	No data.	No data.
4. 13(S)-HOTrE	87984-82-5	No data.	No data.	No data.
5. 15(S)-HEtrE	92693-02-2	No data.	No data.	No data.
6. Ethyl alcohol	64-17-5	1000 ppm	1000 ppm	No data.
Hazardous Components (Chemical Name)	CAS #	Britain EH40	France VL	Europe
1. 5(S)-HEPE	92008-51-0	No data.	No data.	No data.
2. 12(S)-HEPE	116180-17-7	No data.	No data.	No data.
3. 15(S)-HEPE	86282-92-0	No data.	No data.	No data.
4. 13(S)-HOTrE	87984-82-5	No data.	No data.	No data.
5. 15(S)-HEtrE	92693-02-2		No data.	No data.
6. Ethyl alcohol	64-17-5	TWA: 1920 mg/m3 (1000 ppm)	TWA: 1900 mg/m3 (1000	No data.
		STEL: ()	ppm)	
			STEL: 9500 mg/m3 (5000 ppm)	
Protective Equipment Summary - Hazard	Compatible chem	l ical-resistant gloves Eye wash	station in work area Lab c	oat Safety
Label Information:	-	shower in work area Vent Hoc		oat Salety
8.2.1 Engineering Controls (Ventilation	Use process enclo	osures, local exhaust ventilation,	or other engineering controls	to control airborne
etc.):		mmended exposure limits.		
8.2.2.1 Eye Protection:	Safety glasses			
8.2.2.2 Protective Gloves:		·		
	-	ical-resistant gloves		
Other Protective Clothing:	Lab coat			
8.2.2.3 Respiratory Equipment (Specify Type):	NIOSH approved	respirator, as conditions warrant		
Work/Hygienic/Maintenance Practices:	Do not take interr	nally.		
		or utilizing this material should b	e equipped with an evewash	and a safety
	shower.			and a survey
	Wash thoroughly	after handling.		
8.2.3 Environmental Exposure Controls:	No data available	-		
Section	9. Physica	I and Chemical Pro	perties	
9.1 Information on Basic Physical and Cho			•	
Physical States:		Liquid [] Solid		
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	ammonia
• • • • • • • • • • • • • • • • • • • •	
10.5 Incompatibility - Materials To Avoid:	
10.5 Incompatibility - Materials To Avoid:	
10.5 Incompatibility - Materials To Avoid:	alkali metals
10.5 Incompatibility - Materials To Avoid:	alkali metals
10.5 Incompatibility - Materials To Avoid:	
10.5 Incompatibility - Materials To Avoid:	
10.5 Incompatibility - Materials To Avoid	
10.5 Incompatibility - Materials To Avoid:	
10.3 Polymerization:	Will occur [] Will not occur [X]
10.5 Incompatibility - Materials To Avoid:	alkali metals
10.5 Incompatibility - Materials To Avoid:	alkali metals
10.5 Incompatibility - Materials To Avoid:	alkali metals
10.5 Incompatibility - Materials To Avoid:	
	ammonia
	peroxides
	-
	strong oxidizing agents
10.6 Hazardous Decomposition Or	carbon dioxide
-	
Byproducts:	carbon monoxide
	ation 11. Toxical arised information
So.	ection 11. Toxicological Information
	The toxicological effects of this product have not been thoroughly studied.
	. The toxicological effects of this product have not been thoroughly studied.
	Ethanol - Toxicity Data: Oral TDLO (man): 1.14 ml/kg; Oral TDLO (man): 650 mg/kg; Oral
	Ethanol - Toxicity Data: Oral TDLO (man): 1.14 ml/kg; Oral TDLO (man): 650 mg/kg; Oral LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg;
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg;
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h);
	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h);
11.1 Information on Toxicological Effects	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera
11.1 Information on Toxicological Effects	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen.
11.1 Information on Toxicological Effects	 LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here
11.1 Information on Toxicological Effects	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen.
11.1 Information on Toxicological Effects	 LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here
11.1 Information on Toxicological Effects Chronic Toxicological Effects:	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here See actual entry in RTECS for complete information. Ethanol RTECS Number: KQ6300000
11.1 Information on Toxicological Effects Chronic Toxicological Effects: Hazardous Components (Chemical Name)	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here See actual entry in RTECS for complete information. Ethanol RTECS Number: KQ6300000ACGIHOSHA
11.1 Information on Toxicological Effects Chronic Toxicological Effects: Hazardous Components (Chemical Name) . 5(S)-HEPE	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here See actual entry in RTECS for complete information. Ethanol RTECS Number: KQ6300000 CAS # NTP IARC ACGIH OSHA 92008-51-0 n.a.
11.1 Information on Toxicological Effects Chronic Toxicological Effects: łazardous Components (Chemical Name)	LD50 (rat): 7,060 mg/kg; Oral LD50 (mouse): 3,450 mg/kg; Oral LD50 (mouse): 10.5 ml/kg; Oral LD50 (rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800 ppm (30m); Inhalation TCLO (human): 2,500 mg/m3 (20m); Inhalation LC50 (rat): 5,900 mg/m3 (6h); Inhalation LCLO (mouse): 29,300 ppm (7h); Ethanol - Irritation Data: Eyes (rabbit): 500 mg (24h) mild; Skin (rabbit): 20 mg (24h) modera Ethanol - Investigated as a mutagen, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here See actual entry in RTECS for complete information. Ethanol RTECS Number: KQ6300000ACGIHOSHA



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I2.1 Toxicity: A R Section I3.1 Waste Disposal Method: D Section I4.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: 3	tion 12. E void release into unoff from fire o on 13. Dis vispose in accord	sposal Cons	formation	lution.	n.a. n.a. n.a.
Ethyl alcohol Carcinogenicity: N Section 12.1 Toxicity: A Section 13.1 Waste Disposal Method: D Section 14.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: 3	64-17-5 TP? No IA tion 12. Ed woid release into unoff from fire of on 13. Dis vispose in accord tion 14. T	n.a. RC Monographs? N cological In o the environment. control or dilution v sposal Cons ance with local, sta	1 No OSHA Registry formation vater may cause pol siderations	A4 Ilated? No lution.	
Carcinogenicity: N Section 22.1 Toxicity: A R Section 3.1 Waste Disposal Method: D Section 13.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name E DOT Hazard Class: 3	TP? No IA tion 12. E void release into unoff from fire of on 13. Dis vispose in accord tion 14. T	RC Monographs? N COlOgical In the environment. control or dilution v Sposal Cons ance with local, sta	No OSHA Regu formation vater may cause pol	llated? No	n.a.
I2.1 Toxicity: A R Section I3.1 Waste Disposal Method: D Section I4.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: 3	tion 12. Ed woid release into unoff from fire of on 13. Dis dispose in accord tion 14. T	cological In o the environment. control or dilution v sposal Cons ance with local, sta	formation vater may cause pol	lution.	
12.1 Toxicity: A R R Section Section 13.1 Waste Disposal Method: D Section Section 14.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name E DOT Hazard Class: 3	void release into unoff from fire o on 13. Dis vispose in accord tion 14. T	o the environment. control or dilution v sposal Cons ance with local, sta	vater may cause pol		
R Section 3.1 Waste Disposal Method: D Section 4.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name DOT Hazard Class: 3	unoff from fire of on 13. Dis dispose in accord tion 14. T	control or dilution v Sposal Cons ance with local, sta	siderations		
I3.1 Waste Disposal Method: D Sec I4.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name E DOT Hazard Class: 3	on 13. Dis ^{vispose} in accord tion 14. T	ance with local, sta	siderations		
13.1 Waste Disposal Method: D Sec 14.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name E DOT Hazard Class: 3	tion 14. T	ance with local, sta		ations	
Sec 14.1 LAND TRANSPORT (US DOT) DOT Proper Shipping Name E DOT Hazard Class: 3	tion 14. T		te, and rederar regu		
14.1LAND TRANSPORT (US DOT)DOT Proper Shipping NameEDOT Hazard Class:3		ransport Int	· · · · · · · · · · · · · · · · · · ·	au0115.	
DOT Proper Shipping NameEDOT Hazard Class:3	thyl Alcohol Sol		ormation		
DOT Hazard Class: 3	thyl Alcohol Sol				
	5	ution			
DOT Hazard Labels					
DOT Hazaru Label.	LAMMABLE L	IQUID			
UN/NA Number: 1	170				
Packing Group: II					
4.1 LAND TRANSPORT (European ADR/RID)					
ADR/RID Shipping Name E	thyl Alcohol Sol	ution			
UN Number: 1	170				
Hazard Class: 3	- FLAMMABL	E LIQUID			
Packing Group:					
4.3 AIR TRANSPORT (ICAO/IATA)					
	thyl Alcohol Sol	ution			
	170				
	- FLAMMABL	ELIQUID			
Packing Group: II					
IATA Classification: 3					
-	<i>.</i> .	1. 411.1.		1.4	
	-		tate, and federal reg	ulations.	
		egulatory In	tormation		
European Community Hazard Symbol codes F	: Highly Flamma	able; Xi: Irritant			
European Community Risk and Safety Phrases					
R11 - Highly flammable.					
R36 - Irritating to eyes.S16 - Keep away from sources of ignition.					
S24/25 - Avoid contact with skin and eyes.					
S26 - In case of contact with eyes, rinse im		enty of water and seek	medical advice.		
S33 - Take precautionary measures against					
S37/39 - Wear suitable gloves and eye/face p JS EPA SARA Title III	rotection.				
azardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
5(S)-HEPE	92008-51-0	No	No	No	No
12(S)-HEPE	116180-17-7	No	No	No	No

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Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
3. 15(S)-HEPE	86282-92-0	No	No	No	No
. 13(S)-HOTrE	87984-82-5	No	No	No	No
. 15(S)-HEtrE	92693-02-2	No	No	No	No
. Ethyl alcohol	64-17-5	No	No	No	No
Other US EPA or State Lists					
lazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.
. 5(S)-HEPE	92008-51-0	No	No	No	No
. 12(S)-HEPE	116180-17-7	No	No	No	No
. 15(S)-HEPE	86282-92-0	No	No	No	No
. 13(S)-HOTrE	87984-82-5	No	No	No	No
. 15(S)-HEtrE	92693-02-2	No	No	No	No
. Ethyl alcohol	64-17-5	No	No	Inventory	No
Regulatory Information Statement:	This SDS was pre	epared in accordanc	e with Regulation (H	EC) No.1272/2008 and	l European
	Directive 67/548/	EEC as amended.			
	Castien 10				
	Section 16.	. Other Infor	mation		
Revision Date:	06/25/2013				
Company Policy or Disclaimer					
make their own investigations to determine t N.A.=Not available, N.P.=Not applicable, N		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		
		N.E.=Not established,	N.R.=Not required		