

Revision: 04/16/2016

Multi-region format

	Section 1.	Identification of the Substance/Mixture and of the Company/Undertaking						
.1	Product Code:	9001233						
••	Product Name:	(R)-(+)-Linoleyl-1'-Hydroxy-2'-Propylamide						
	Synonyms:	N-[(1R)-2-hydroxy-1-methylethyl]-9Z,12Z-octadecadienamide;						
.2	Relevant identified uses of the substance or mixture and uses advised against:							
	Relevant identified uses	_						
.3	Details of the Supplier of							
-								
	Company Name:	Cayman Chemical Company						
		1180 E. Ellsworth Rd.						
	Web site address:	Ann Arbor, MI 48108						
	Information:	www.caymanchem.com Cayman Chemical Company +1 (734)971-3335						
.4	Emergency telephone nur							
	Emergency Contact:	CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887						
		Section 2. Hazards Identification						
.1	Classification of the Subs	tance or Mixture:						
	Flammable Liquids, Cat							
2.2	Label Elements:							
2.2	Label Elements:							
2.2		Danger						
2.2	GHS Signal Word:	Danger						
2.2	GHS Signal Word: GHS Hazard Phrases:	Danger quid and vapor.						
2.2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase	Danger quid and vapor.						
2.2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h	Danger quid and vapor. s:						
2.2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}.						
2.2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}.						
2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SH	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}. :: KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with						
2.2	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON Sh water/shower. GHS Storage and Dispo	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}. :: KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with						
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	GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SH water/shower. GHS Storage and Dispo Please refer to Section 7	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}. : KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with sal Phrases: for Storage and Section 13 for Disposal information.						
	GHS Signal Word: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON Sh water/shower. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}. : KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with sal Phrases: for Storage and Section 13 for Disposal information. Material may be irritating to the mucous membranes and upper respiratory tract.						
	GHS Signal Word: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable li GHS Precaution Phrase P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON Sh water/shower. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health	Danger quid and vapor. s: eat/sparks/open flames/hot surfaces} No smoking. oves/protective clothing/eye protection/face protection}. : KIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with sal Phrases: for Storage and Section 13 for Disposal information. Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption.	gated					
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CAS # / RTECS #		Hazardous Comp REACH Registra	oonents (Chemical Name)/ tion No.	Concentration	EC No./ EC Index No.	GHS Classification				
2205 NA	56-74-1	(R)-(+)-Linoleyl-1'-H	/droxy-2'-Propylamide	5.0 %	NA NA	No data available.				
	64-17-5 Ethyl alcohol KQ6300000			95.0 %	200-578-6 603-002-00-5	Flam. Liq. 2: H225				
		•		•						
			Section 4. Fi	rst Aid Meas	ures					
1 .1	Descri	Description of First Aid								
	Measu	res:								
	In Case	e of Inhalation:	Remove to fresh air. If not br Get immediate medical atten		al respiration or giv	e oxygen by trained personnel				
	In Case	e of Skin Contact:	Immediately wash skin with s clothing. Get medical attention			5 minutes. Remove contaminate efore reuse.				
	In Case	e of Eye Contact:	Hold eyelids apart and flush and tested by medical person		water for at least 1	5 minutes. Have eyes examine				
	In Case	e 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. portant Symptoms and May cause anemia, cough, CNS depression, drowsiness, headache, heart damage, lassitude								
4 2	Import	ant Symptoms and	•	NS depression dro	wsiness headach	e heart damage lassitude				
4.2	-		I May cause anemia, cough, C	-		-				
4.2	-	, Both Acute and	•	-		-				
4.2	Effects	, Both Acute and	l May cause anemia, cough, C (weakness, exhaustion), live	damage, narcosis,	reproductive effec	-				
4.2	Effects Delaye	, Both Acute and d:	May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire	damage, narcosis, Fighting Me	reproductive effec	ets, teratogenic effects.				
4.2 5.1	Effects Delaye Suitabl	e, Both Acute and d: le Extinguishing	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam,	damage, narcosis, Fighting Me carbon dioxide, wate	reproductive effect ASUICES er, or dry chemical	cts, teratogenic effects.				
	Effects Delaye Suitabl Media:	e, Both Acute and d: le Extinguishing	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, Use water spray to cool fire-	Fighting Me carbon dioxide, wate exposed containers	reproductive effect ASUICES er, or dry chemical	cts, teratogenic effects.				
	Effects Delaye Suitabl Media: Unsuita	e, Both Acute and d: le Extinguishing able Extinguishing	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam,	Fighting Me carbon dioxide, wate exposed containers	reproductive effect ASUICES er, or dry chemical	ets, teratogenic effects.				
5.1	Effects Delaye Suitabl Media: Unsuita Media:	a, Both Acute and d: le Extinguishing able Extinguishing	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, Use water spray to cool fire- A solid water stream may be	Fighting Me carbon dioxide, wate exposed containers inefficient.	reproductive effec ASUIES er, or dry chemical	spray.				
	Effects Delaye Suitabl Media: Unsuita Media:	a, Both Acute and d: de Extinguishing able Extinguishing able Properties an	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, Use water spray to cool fire-	Fighting Me carbon dioxide, wate exposed containers inefficient.	reproductive effect asures er, or dry chemical s at temperatures a	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm	a, Both Acute and d: de Extinguishing able Extinguishing able Properties an	May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, Use water spray to cool fire- A solid water stream may be	Fighting Me carbon dioxide, wate exposed containers inefficient.	reproductive effect asures er, or dry chemical s at temperatures a	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm	a, Both Acute and d: de Extinguishing able Extinguishing able Properties an	May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ	r damage, narcosis, Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions.	reproductive effect asures er, or dry chemical s at temperatures a	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm	a, Both Acute and d: de Extinguishing able Extinguishing able Properties an	I May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire	Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions.	reproductive effect ASUIES er, or dry chemical s at temperatures a ions.	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm	a, Both Acute and d: de Extinguishing able Extinguishing able Properties an	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge.	Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions.	reproductive effect ASUIES er, or dry chemical s at temperatures a ions.	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm	able Extinguishing able Extinguishing able Properties an	May cause anemia, cough, C (weakness, exhaustion), live Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge. Vapors can travel to a source	r damage, narcosis, Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas	reproductive effect ASUIES er, or dry chemical s at temperatures a ions.	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard	able Extinguishing able Extinguishing able Properties an	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge. Vapors can travel to a sourc No data available.	r damage, narcosis, Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back.	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard	able Extinguishing able Extinguishing able Properties an s:	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge Vapors can travel to a sourc No data available. 14.00 C Method Used: Cl	r damage, narcosis, Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back.	spray.				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard Flash F Explos Autoig	able Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge. Vapors can travel to a sourc No data available. 14.00 C Method Used: Cl LEL: 3.3% at 25.0 C	 Fighting Me Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup UEL: 19.0% ained breathing app we gear to prevent comp 	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back. 6 at 25.0 C paratus pressure-d	emand (NIOSH approved or				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard Flash F Explos Autoig	able Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge Vapors can travel to a sourc No data available. 14.00 C Method Used: Cl LEL: 3.3% at 25.0 C 363.00 C : As in any fire, wear self-cont equivalent), and full protective	 Fighting Me Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup UEL: 19.0% ained breathing app we gear to prevent comp 	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back. 6 at 25.0 C paratus pressure-d	emand (NIOSH approved or				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard Flash F Explos Autoig	able Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge Vapors can travel to a sourc No data available. 14.00 C Method Used: Cl LEL: 3.3% at 25.0 C 363.00 C : As in any fire, wear self-cont equivalent), and full protective	 Fighting Me Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup UEL: 19.0% ained breathing app we gear to prevent comp 	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back. 6 at 25.0 C paratus pressure-d	emand (NIOSH approved or				
5.1	Effects Delaye Suitabl Media: Unsuita Media: Flamm Hazard Flash F Explos Autoig	able Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	May cause anemia, cough, C (weakness, exhaustion), liver Section 5. Fire Use alcohol-resistant foam, o Use water spray to cool fire- A solid water stream may be dCan release vapors that form Container explosion may occ Emits toxic fumes under fire Sensitive to static discharge Vapors can travel to a sourc No data available. 14.00 C Method Used: Cl LEL: 3.3% at 25.0 C 363.00 C : As in any fire, wear self-cont equivalent), and full protective	 Fighting Me Fighting Me carbon dioxide, wate exposed containers inefficient. n explosive mixtures cur under fire condit conditions. e of ignition and flas osed Cup UEL: 19.0% ained breathing app we gear to prevent comp 	reproductive effect asures er, or dry chemical s at temperatures a ions. sh back. 6 at 25.0 C paratus pressure-d	emand (NIOSH approved or				



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			Section 6. Acc	cidental Release Me	easures				
6.1	Protective Precautions, Avoid breathing vapors and provide adequate ventilation.								
	Protecti	ective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator							
	Emerge	ncy Procedures: and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).							
6.2	Environ	mental	Take steps to avoid r	elease into the environment, if	safe to do so.				
	Precaut	ions:							
5.3	Method	s and Material For	Contain spill and coll	ect, as appropriate.					
			-	al waste container for disposal	in accordance with local re	egulations.			
	Up:		•			-			
	-		Section 7	Handling and Stor	202				
7.1	Precaut	ions To Be Taken		fume/gas/mist/vapours/spray.	age				
. 1	in Hand		Avoid prolonged or re						
	minanu	ing.	Keep away from sour						
				neasures against static dischar	ae.				
7.2	Precaut	ions To Be Taken	Keep away from heat		J -				
	in Stori		Keep container tightly	• •					
		.9.		with information listed on the p	roduct insert.				
	Other P	recautions:	Hygroscopic.						
				0 / D					
		Sect	ion 8. Exposu	re Controls/Persona	al Protection				
3.1	-	e Parameters:							
CAS	#	Partial Chemical	Name	Britain EH40	France VL	Europe			
2205	56-74-1	(R)-(+)-Linoleyl-1'- de	Hydroxy-2'-Propylami	No data.	No data.	No data.			
64	-17-5	Ethyl alcohol		TWA: 1920 mg/m3 (1000 ppm)	TWA: 1900 mg/m3 (1000	No data.			
				STEL: ()	ppm)				
					STEL: 9500 mg/m3 (5000 ppm)				
CAS	#	Partial Chemical	Namo	OSHA TWA		Other Limits			
2205	56-74-1	(R)-(+)-Linoleyi-1'- de	Hydroxy-2'-Propylami		No data.	No data.			
64	-17-5	Ethyl alcohol		PEL: 1000 ppm	TLV: 1000 ppm	No data.			
3.2	Exposu	e Controls:							
3.2.1	Enginee	ering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to control airborn							
	(Ventila	tion etc.):	levels below recomme	evels below recommended exposure limits.					
3.2.2	Persona	Personal protection equipment:							
	Eye Pro	Protection: Safety glasses							
	Protecti	tive Gloves: Compatible chemical		resistant gloves					
	Other P	rotective Clothing	:Lab coat						
Respira		tory Equipment	NIOSH approved resp	pirator, as conditions warrant.					
	(Specify	/ Туре):							
	Work/H	Work/Hygienic/Maintenan Do not take internally							
	ce Prac	tices:	Facilities storing or ut	tilizing this material should be equipped with an eyewash and a safety shower					
			Wash thoroughly afte						
			No data available.						
						Multi-region form			



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	Se	ection 9. Physical and Chemical Properties					
9.1	Information on Basic Phys	ical and Chemical Properties					
	Physical States:	[]Gas [X]Liquid []Solid					
	Appearance and Odor:	A solution in ethanol					
	Melting Point:	No data. No data.					
	Boiling Point:						
	Flash Pt:	14.00 C Method Used: Closed Cup					
	Evaporation Rate:	No data. No data available.					
	Flammability (solid, gas):						
	Explosive Limits:	LEL: 3.3% at 25.0 C UEL: 19.0% at 25.0 C					
	Vapor Pressure (vs. Air or	mm 43 MM_HG at 20.0 C					
	Hg):						
	Vapor Density (vs. Air = 1)	: No data.					
	Specific Gravity (Water = 1	I): No data.					
	Solubility in Water:	No data.					
	Autoignition Pt:	363.00 C					
9.2	Other Information						
	Percent Volatile:	No data.					
	Molecular Formula & Weig	ht: C21H39NO2 337.5					
		Section 10. Stability and Reactivity					
10.1	Reactivity:	No data available.					
10.2	Stability:	Unstable [] Stable [X]					
10.3	Stability Note(s):	Stable if stored in accordance with information listed on the product insert.					
	Polymerization:	Will occur [] Will not occur [X]					
10.4	Conditions To Avoid:	heat, flames and sparks					
10.5	Incompatibility - Materials	· · · · · · · · · · · · · · · · · · ·					
	To Avoid:	ammonia					
		peroxides					
		strong oxidizing agents					
10.6	Hazardous	carbon dioxide					
	Decomposition or	carbon monoxide					
	Byproducts:						

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11.1									
	Informat	tion on	Section 11. Toxicological Information The toxicological effects of this product have not been thoroughly studied.						
	Toxicolo	ogical Effects:	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; Oral LD50						
			(rabbit): 6,300 mg/kg; Inhalation LC50 (rat): 20,000 ppm (10h); Inhalation TCLO (human): 1,800						
			ppm (30m);	Inhalation TCLO (huma	n): 2,500 mg/m3 ((20m); Inhalati	on LC50 (rat):	5,900 mg/m3	
			(6h); Inhalat	ion LCLO (mouse): 29,3	800 ppm (7h);				
			Ethanol - Irri	tation Data: Eyes (rabbi	t): 500 mg (24h) r	mild; Skin (rab	bit): 20 mg (24	h) moderate;	
	Chronic	Toxicological	Ethanol - Inv	estigated as a mutager	, reproductive eff	ector, and tum	origen.		
Effects:		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 e	entry in RTECS for comp	plete information.				
		Ethanol RTECS Number: KQ6300000							
Carcii	nogenicity	/:	NTP? No IARC Monographs? No OSHA Regulated? No						
CAS	#	Hazardous Com	ponents (Ch	emical Name)	NTP	IARC	ACGIH	OSHA	
2205	56-74-1	(R)-(+)-Linoleyl-1	'-Hydroxy-2'-F	Propylamide	n.a.	n.a.	n.a.	n.a.	
64	-17-5	Ethyl alcohol			n.a.	1	A4	n.a.	
		4	Sect	ion 12. Ecologio	al Informat	ion	•	-	
2.1	Toxicity			e into the environment.					
2.1	TOXICITY	•		fire control or dilution wa	ater may cause p	ollution			
2.2	Persiste	nce and	No data ava						
2.2	Degrada		NU Uala ava	liable.					
2.2	-	-	No doto ovo	ilahla					
2.3		mulative	No data ava	liable.					
		ntial:							
		Mobility in Soil: No data available.							
		of PBT and vPvB							
2.5	Results assessn	of PBT and vPvB		ilable.					
2.5	Results assessn	of PBT and vPvB nent:	No data ava No data ava	ilable.	Considerat	ions			
2.5 2.6	Results assessm Other ac	of PBT and vPvB nent:	No data ava No data ava Sectio	ilable. ilable.					
2.5 2.6	Results assessm Other ac	of PBT and vPvB nent: Iverse effects:	No data ava No data ava Sectio Dispose in a	^{ilable.} ^{ilable.} on 13. Disposal	ate, and federal r	egulations.			
2.5 2.6 3.1	Results assessm Other ac Waste D	of PBT and vPvB nent: Iverse effects:	No data ava No data ava Sectio Dispose in a Sec	ilable. ilable. on 13. Disposal accordance with local, st	ate, and federal r	egulations.			
2.5 2.6 3.1 14.1	Results assessm Other ac Waste D	of PBT and vPvB nent: Iverse effects: isposal Method:	No data ava No data ava Sectio Dispose in a Sec DOT):	ilable. ilable. on 13. Disposal accordance with local, st	ate, and federal r	egulations.			
2.5 2.6 3.1 14.1 D	Results assessm Other ac Waste D	of PBT and vPvB nent: Iverse effects: isposal Method: RANSPORT (US I r Shipping Name:	No data ava No data ava Sectio Dispose in a Sec DOT):	ilable. on 13. Disposal accordance with local, st tion 14. Transpo	ate, and federal ro ort Informat	egulations.			
2.5 2.6 3.1 14.1 D	Results assessm Other ac Waste D LAND T OT Prope	of PBT and vPvB nent: Iverse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class:	No data ava No data ava Sectio Dispose in a Sec DOT): Ethyl Al	ilable. ilable. on 13. Disposal accordance with local, st tion 14. Transpo cohol Solution	ate, and federal ro ort Informat	egulations.			
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14.3 AIR TRANSPORT (ICAO/IATA):								
ΙCAO/ΙΑΤΑ	Shipping Name:	Ethyl Alcohol Solution						
UN Number:		1170	Packing Group:		II			
Hazard Class:		3 - FLAMMABLE LIQUID	IATA Classifie	cation:	3			
Additional Tra	insport	Transport in accordance with local, state, and federal regulations.						
Information:		When sold in quantities of less t	han or equal to 1 mL	, or 1 g, with an Exce	pted Quantity Code of			
		E1, E2, E4, or E5, this item mee	ets the De Minimis Qu	antities exemption, p	er IATA 2.6.10.			
		Therefore packaging does not h	ave to be labeled as	Dangerous Goods/E	xcepted Quantity.			
		Section 15. Regul	atory Informat	tion				
EPA SARA (Su	uperfund Amendm	nents and Reauthorization Act o	of 1986) Lists					
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)			
220556-74-1	(R)-(+)-Linoleyl-1	'-Hydroxy-2'-Propylamide	No	No	No			
64-17-5	Ethyl alcohol		No	No	No			
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists					
220556-74-1	(R)-(+)-Linoleyl-1	'-Hydroxy-2'-Propylamide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No					
64-17-5	Ethyl alcohol		CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No					
Regulatory Info	ormation	This SDS was prepared in acco	rdance with 29 CFR 1	1910.1200 and Regul	ation (EC)			
Statement:		No.1272/2008.						
Section 16. Other Information								
Revision Date:		04/16/2016						
Additional Info	rmation About	No data available.						
This Product:								

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