

Revision: 12/28/2019

	Section 1 Ide	entification of the Substance/Mixture and of	the Company/Undertaking				
			the company/ondertaking				
.1	Product Code:	29780					
	Product Name:	(6aR,9R)delta.10-THC (exempt preparation)	•				
	Synonyms: (6aR-cis)-6a,7,8,9-tetrahydro-6,6,9-trimethyl-3-pentyl-6H-dibenzo[b,d]pyran-1-ol;						
		(6aR,9R)delta.10-Tetrahydrocannabinol;					
		(1S,4R)delta.2-THC;					
2	Relevant identified uses of the substance or mixture and uses advised against:						
	<b>Relevant identified uses:</b> For research use only, not for human or veterinary use.						
3	Details of the Supplier of the	e Safety Data Sheet:					
	Company Name:	Cayman Chemical Company					
		1180 E. Ellsworth Rd.					
		Ann Arbor, MI 48108					
	Web site address:	www.caymanchem.com	14 (704)074 0005				
	Information:	Cayman Chemical Company	+1 (734)971-3335				
.4	Emergency telephone numb						
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300				
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887				
		Section 2. Hazards Identific	cation				
.1	Classification of the Substar	nce or Mixture:					
	Flammable Liquids, Categ	ory 2					
	Acute Toxicity: Inhalation,	Category 4					
	Acute Toxicity: Oral, Category 4						
	Acute Toxicity: Skin, Category 4						
		gory 4					
.2	Acute Toxicity: Skin, Cate	gory 4					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I	gory 4					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I	gory 4					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I	gory 4					
2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements:	gory 4 Irritation, Category 2					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word:	gory 4					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases:	gory 4 Irritation, Category 2 Danger					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu	gory 4 Irritation, Category 2 <b>Danger</b> id and vapor.					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed.	gory 4 Irritation, Category 2 <b>Danger</b> id and vapor.					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqui H302: Harmful if swallowed. H312: Harmful in contact with	gory 4 Irritation, Category 2 Danger id and vapor. th skin.					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed. H312: Harmful in contact wit H319: Causes serious eye in	gory 4 Irritation, Category 2 Danger id and vapor. th skin.					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqui H302: Harmful if swallowed. H312: Harmful in contact with H319: Causes serious eye in H332: Harmful if inhaled.	gory 4 Irritation, Category 2 Danger id and vapor. th skin. rritation.					
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed. H312: Harmful if swallowed. H319: Causes serious eye if H332: Harmful if inhaled. GHS Precautionary Phrase	gory 4 Irritation, Category 2 Danger id and vapor. th skin. rritation.					
2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed. H312: Harmful in contact wit H319: Causes serious eye in H332: Harmful if inhaled. GHS Precautionary Phrase P210: Keep away from {heal	gory 4 Irritation, Category 2 Danger id and vapor. th skin. rritation. es: t/sparks/open flames/hot surfaces} No smokin	g.				
2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful in contact wit H319: Causes serious eye in H332: Harmful if inhaled. GHS Precautionary Phrase P210: Keep away from {heat P261: Avoid breathing {dustants	gory 4 Irritation, Category 2 Danger id and vapor. th skin. rritation. es: t/sparks/open flames/hot surfaces} No smokin /fume/gas/mist/vapors/spray}.	g.				
.2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqui H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful in contact with H319: Causes serious eye in H332: Harmful if inhaled. GHS Precautionary Phrase P210: Keep away from {hea P261: Avoid breathing {dust P264: Wash {hands} thoroug	gory 4 Irritation, Category 2 Danger id and vapor. ith skin. rritation. es: t/sparks/open flames/hot surfaces} No smokin /fume/gas/mist/vapors/spray}. ghly after handling.	-				
2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful in contact wit H319: Causes serious eye in H332: Harmful if inhaled. GHS Precautionary Phrase P210: Keep away from {hea P261: Avoid breathing {dust P264: Wash {hands} thoroug P280: Wear {protective glove	gory 4 Irritation, Category 2 Danger id and vapor. th skin. rritation. es: t/sparks/open flames/hot surfaces} No smokin /fume/gas/mist/vapors/spray}.	-				
2	Acute Toxicity: Skin, Cate Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqui H302: Harmful if swallowed. H312: Harmful if swallowed. H319: Causes serious eye if H332: Harmful if inhaled. GHS Precautionary Phrase P210: Keep away from {hea P261: Avoid breathing {dust P264: Wash {hands} thoroug P280: Wear {protective glowed GHS Response Phrases:	gory 4 Irritation, Category 2 Danger id and vapor. id and vapor. th skin. rritation. es: t/sparks/open flames/hot surfaces} No smokin /fume/gas/mist/vapors/spray}. ghly after handling. es/protective clothing/eye protection/face protec	tion}.				
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	P304+	340: IF INHALED:	Remove victim to fresh air and	l keep at rest in a po	sition comfortable	e 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.								
P330: Rinse mouth.			ENTER or doctor/physician if you feel unwell.						
			n persists, get medical advice/attention.						
-		364: Take off conta	aminated clothing and wash it before reuse.						
	GHS Storage and Dispo		-						
				Disposal information	n				
2.2			for Storage and Section 13 for Disposal information.						
2.5	2.3 Adverse Human Health Effects and Symptoms:		Can cause fatal cyanide poisoning. Causes serious eye irritation.						
			Harmful if swallowed, inhaled		ah tho chin				
				-	-	piraton, traat			
			Material may be irritating to the May be fatal if swallowed, inf			spiratory tract.			
			•		irougn the skin.				
			May cause skin or respiratory						
			Several hours may elapse fro	-	• •				
			To the best of our knowledge	e, the toxicological pr	operties have no	t been thoroughly investigated.			
		Sect	tion 3. Composition	/Information of	on Ingredie	nts			
CAS	#/	Hazardous Com	oonents (Chemical Name)/	Concentration	EC No./	GHS Classification			
RTEC		REACH Registra			EC Index No.				
9554	3-62-7	(6aR,9R)delta.10-1	ГНС	0.1 %	NA	No data available.			
NA				NA NA					
75-	05-8	Acetonitrile		99.9 %	200-835-2	Flam. Liq. 2: H225			
AL770	0000	01-2119471307-38-0	0000		608-001-00-3	Acute Tox.(O) 4: H302			
						Acute Tox.(D) 4: H312			
						Eye Damage 2: H319			
			Acute Tox.(I) 4: H332						
		•	Section 4. Fi	rst Aid Measu	ires	•			
4.1	Descrir	otion 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:								
			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	Importa	ant Symptoms and	Exposure may cause: asphyx	kia, cyanosis, depres	sion, diarrhea, di	zziness, drowsiness, excitement.			
	-	, Both Acute and	<b>s and</b> Exposure may cause: asphyxia, cyanosis, depression, diarrhea, dizziness, drowsiness, excitement, <b>and</b> headache, impaired judgement, lack of coordination, nausea, rash, vomiting, stupor, death.						
	Delaye		Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper						
	Delaye	<i>.</i>	instructions. The onset of syn	-	-				
	Note fo	r the Doctor:	Acetonitrile is metabolized to			-			
	1010 10			•	•				
			signe of cyaniae poisoning at	signs of cyanide poisoning and treated accordingly.					

Multi-region format



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			e Fighting Measures							
5.1	Suitable Extinguishing	Use alcohol-resistant foam,	carbon dioxide, water, or dry chemical spray	<i>י</i> .						
	Media:	Use water spray to cool fire	-exposed containers.							
		A solid water stream may be	e inefficient.							
	Media:									
5.2			m explosive mixtures at temperatures at or a	bove the flashpoint.						
	Hazards:	Container explosion may or								
		Emits toxic fumes under fire								
		Sensitive to static discharge	z. ce of ignition and flash back.							
		No data available.								
	Flash Pt:	2.00 C Method Used: Cl	nsed Cup							
	Explosive Limits:	LEL: 3.0% at 25.0 (								
	Autoignition Pt:	524.00 C	5 OLL. 10.070 at 25.0 0							
5.3	-		tained breathing apparatus pressure-deman							
5.5	Fire Fighting instructions	-	ve gear to prevent contact with skin and eye							
		Note: Flammable as diluted								
			ntal Release Measures							
L		Avoid broathing vanore and	provide adequate ventilation.							
6.1	Protective Precautions,	- · ·		Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator,						
6.1	Protective Equipment and	d As conditions warrant, wea	r a NIOSH approved self-contained breathing							
	Protective Equipment an Emergency Procedures:	d As conditions warrant, wea and appropriate personal p	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and							
6.1 6.2	Protective Equipment an Emergency Procedures: Environmental	d As conditions warrant, wea and appropriate personal p	r a NIOSH approved self-contained breathing							
6.2	Protective Equipment an Emergency Procedures: Environmental Precautions:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so.							
	Protective Equipment an Emergency Procedures: Environmental Precautions: Methods and Material Fo	<ul> <li>d As conditions warrant, wea and appropriate personal p</li> <li>Take steps to avoid release</li> <li>r Contain spill and collect, as</li> </ul>	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate.	heavy rubber gloves).						
6.2	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin	<ul> <li>d As conditions warrant, wea and appropriate personal p</li> <li>Take steps to avoid release</li> <li>r Contain spill and collect, as</li> </ul>	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so.	heavy rubber gloves).						
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6.2	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up:	<ul> <li>d As conditions warrant, wea and appropriate personal p Take steps to avoid release</li> <li>r Contain spill and collect, as ng Transfer to a chemical was</li> </ul>	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage	heavy rubber gloves).						
6.2 6.3	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ngTransfer to a chemical was Section 7. Ha	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray.	heavy rubber gloves).						
6.2 6.3	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ng Transfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition.	heavy rubber gloves).						
6.2 6.3 7.1	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ng Transfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge.	heavy rubber gloves).						
6.2 6.3	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ng Transfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame.	heavy rubber gloves).						
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6.2 6.3 7.1	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ngTransfer to a chemical was <u>Section 7. Ha</u> Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame.	heavy rubber gloves).						
6.2 6.3 7.1	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as gTransfer to a chemical was <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark Keep container tightly close Store in accordance with int	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d.	heavy rubber gloves).						
6.2 6.3 7.1	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as gTransfer to a chemical was <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark Keep container tightly close Store in accordance with int	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I <b>ndling and Storage</b> gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d. formation listed on the product insert.	heavy rubber gloves).						
6.2 6.3 7.1 7.2	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters:	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as gTransfer to a chemical was <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark Keep container tightly close Store in accordance with int	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I <b>ndling and Storage</b> gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d. formation listed on the product insert.	heavy rubber gloves).						
6.2 6.3 7.1 7.2	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Chemical Name	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ng Transfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark Keep container tightly close Store in accordance with int tion 8. Exposure C	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d. formation listed on the product insert.	heavy rubber gloves).						
6.2 6.3 7.1 7.2 8.1 CAS	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: <u>Sec</u> Exposure Parameters: # Chemical Name	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as gTransfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep container tightly close Store in accordance with int tion 8. Exposure C	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. s appropriate. te container for disposal in accordance with I ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits	heavy rubber gloves).						
6.2 6.3 7.1 7.2 8.1 CAS	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: <u>Sec</u> Exposure Parameters: # Chemical Name	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ngTransfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep away from heat, spark Keep container tightly close Store in accordance with int tion 8. Exposure C Jurisdiction	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and e into the environment, if safe to do so. a appropriate. te container for disposal in accordance with I <b>ndling and Storage</b> gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d, formation listed on the product insert. <b>Controls/Personal Protection</b> <b>Recommended Exposure Limits</b> TLV: 20 ppm TWA: 70 mg/m3 (40 ppm) TWA: 70 mg/m3 (40 ppm)	heavy rubber gloves). ocal regulations. Notations						
6.2 6.3 7.1 7.2 8.1 CAS	Protective Equipment and Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: <u>Sec</u> Exposure Parameters: # Chemical Name	d As conditions warrant, wea and appropriate personal p Take steps to avoid release r Contain spill and collect, as ng Transfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeate Keep away from sources of Take precautionary measur Keep container tightly close Store in accordance with int tion 8. Exposure C Jurisdiction ACGIH TLV Europe	r a NIOSH approved self-contained breathing rotection (rubber boots, safety goggles, and it is into the environment, if safe to do so. a appropriate. te container for disposal in accordance with I indling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks, and flame. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm TWA: 70 mg/m3 (40 ppm) TWA: 70 mg/m3 (40 ppm) STEL: ()	heavy rubber gloves). ocal regulations. Notations						
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Multi-region format



Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. <b>oment:</b> Safety glasses Compatible chemical-resistant gloves :Lab coat NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling. No data available.
levels below recommended exposure limits. oment: Safety glasses Compatible chemical-resistant gloves :Lab coat NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
Safety glasses Compatible chemical-resistant gloves Lab coat NIOSH approved respirator, as conditions warrant.
Safety glasses Compatible chemical-resistant gloves :Lab coat NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
Compatible chemical-resistant gloves :Lab coat NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
Lab coat NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
NIOSH approved respirator, as conditions warrant. Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
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Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower Wash thoroughly after handling.
No data available.
ection 9. Physical and Chemical Properties
sical and Chemical Properties
[]Gas [X]Liquid []Solid
A 1 mg/ml solution in acetonitrile
No data.
No data.
No data.
2.00 C Method Used: Closed Cup
No data.
No data available.
LEL: 3.0% at 25.0 C UEL: 16.0% at 25.0 C
r mm 73 MM_HG at 20.0 C
): No data.
1): No data.
No data.
No data.
524.00 C
ure: No data.
No data.
No data.
ght: C21H30O2 314.5



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			Section 10. Stability and Reactivity						
10.1	Reactivi	ty:	No data available.						
10.2	Stability: Unstable [ ] Stable [ X ]								
<b>10.3 Stability Note(s):</b> Stable if stored in accordance with information listed on the product insert.									
Polymeriza		ization:	Will occur [ ] Will not occur [ X ]						
10.4	-	ons To Avoid:	-	, and sparks					
10.5									
	To Avoid	To Avoid:		alkali metals					
			bases						
			oxidizing agents						
			reducing agents						
10.6	Hazardo	us	carbon diox	de					
	Decomp	osition or	carbon mon	oxide					
	Byprodu	icts:	hydrogen cy	vanide					
			nitrogen oxi	des					
			Sectio	n 11. Toxicologi	cal Informa	ation			
11.1	Informat	ion on	The toxicolo	gical effects of this produ	ict have not beer	n thoroughly st	tudied.		
	Toxicolo	gical Effects:		- Toxicity Data: Oral LD5				mg/kg; Oral	
		-	LD50 (rabbit): 50 mg/kg; Oral TDLO (man): 64 mg/kg; Skin LD50 (rabbit): 980 mg/kg; Inhalation						
			TCLO (hum	an): 160 ppm (4h); Inhala	tion LC50 (rat):	7,551 ppm (8h	ı);		
			Acetonitrile - Irritation Data: Skin (rabbit) 500 mg mild; Eye (rabbit): 100 µl (24 hr) moderate; Acetonitrile - Investigated as a mutagen, primary irritant, reproductive effector, and tumorigen. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here.						
	Chronic	Toxicological							
	Effects:								
			See actual entry in RTECS for complete information.						
			Acetonitrile	RTECS Number: AL7700	0000				
Carcir	nogenicity	/:	NTP? No	IARC Monographs? N	lo OSHA Re	egulated? No			
CAS	#	Hazardous Com	ponents (Ch	emical Name)	NTP	IARC	ACGIH	OSHA	
9554	13-62-7	(6aR,9R)delta.1	0-THC		n.a.	n.a.	n.a.	n.a.	
75	-05-8	Acetonitrile			n.a.	n.a.	A4	n.a.	
		1	Sect	ion 12. Ecologic	al Informat	ion	•	+	
12.1	Toxicity	:		se into the environment.					
	in roxioly.		Runoff from	fire control or dilution wa	ter may cause p	ollution.			
12.2	Persiste	nce and	No data ava	ilable.					
	Degrada								
12.3	-	mulative	No data ava	ilable					
12.0	Potentia								
12.4			No data available.						
	-								
12.5			NO Gala ava	illadie.					
12.6	Other ac	lverse effects:	No data ava	ilable.					

Multi-region format



		Section 13. Dispo	sal Considera	ations		
13.1 Waste	Disposal Method:	Dispose in accordance with loc	al, state, and federa	l regulations.		
		Section 14. Trar	sport Informa	ation		
14.1 LAND	TRANSPORT (US I	DOT):				
DOT Prop	er Shipping Name	Acetonitrile Solution				
DOT Hazard Class:		3 FLAMMAE	BLE LIQUID			
UN/NA Nu	ımber:	UN1648	Packing Gr	oup:	II	
14.1 LAND	TRANSPORT (Euro					
	Shipping Name:	Acetonitrile Solution				
UN Numb		1648	Packing Gr	oup:	II	
Hazard CI	ass:	3 - FLAMMABLE LIQUID				
14.3 AIR TF	RANSPORT (ICAO/I	ATA):				
	A Shipping Name:	Acetonitrile Solution				
UN Numb		1648	Packing Gr	oup:	II	
Hazard CI	ass:	3 - FLAMMABLE LIQUID	IATA Classification:		3	
Additional Tr	ansport	Transport in accordance with local, state, and federal regulations.				
Information:	Information: When sold in quantities of less E1, E2, E4, or E5, this item me Therefore packaging does not			Quantities exemption	n, per IATA 2.6.10.	
		Section 15. Regu	latory Information	ation		
EPA SARA (S	Superfund Amendn	nents and Reauthorization Act	of 1986) Lists			
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
95543-62-7	(6aR,9R)delta.1	IO-THC	No	No	No	
75-05-8	Acetonitrile		No	Yes 5000 LB	Yes	
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists			
95543-62-7	(6aR,9R)delta.1	IO-THC	CAA HAP,ODC: PROP.65: No	No; CWA NPDES:	No; TSCA: No; CA	
75-05-8	5-05-8 Acetonitrile CAA HAP,ODC: HAP: VHAP; CWA NPDES: No; TSCA: Yes Inventory, 8A PAIR; CA PROP.65: No					
Regulatory In	formation	This SDS was prepared in acc	· ordance with 29 CFF	R 1910.1200 and Re	gulation (EC)	
Statement:		No.1272/2008.				



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Section 16. Other Information			
Revision Date:	12/28/2019		
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.		