

	accor							
	Section 1. Id	lentification of the Substance/Mixture and of th	e Company/Undertaking					
1.1	Product Code:	24923						
	Product Name: Synonyms:	20-HETE-d6 MaxSpec [™] Standard	6,16,17,17,18,18-d6 acid; 20-hydroxy Arachidon					
	Synonyms.	Acid-d6;	5, 10, 17, 17, 10, 10-00 acid, 20-11, 010xy Aracilluon					
.2	Relevant identified uses of the substance or mixture and uses advised against:							
	Relevant identified uses:	For research use only, not for human or veterin	nary use.					
1.3	Details of the Supplier of the Safety Data Sheet:							
	Company Name:	Cayman Chemical Company						
		1180 E. Ellsworth Rd. Ann Arbor, MI 48108						
	Web site address:	www.caymanchem.com						
	Information:	Cayman Chemical Company	+1 (734)971-3335					
.4	Emergency telephone num	ber:						
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300					
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887					
		Section 2. Hazards Identifica	ation					
2.2	Flammable Liquids, Categ Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements:	a, Category 4 egory 4 egory 4						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye	a, Category 4 egory 4 egory 4						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements:	a, Category 4 egory 4 egory 4 Irritation, Category 2						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye	a, Category 4 egory 4 egory 4						
2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements:	a, Category 4 egory 4 egory 4 Irritation, Category 2 Danger						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements: GHS Signal Word: GHS Hazard Phrases:	a, Category 4 egory 4 egory 4 Irritation, Category 2 Danger uid and vapor.						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu	a, Category 4 egory 4 egory 4 Irritation, Category 2 Danger uid and vapor.						
2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Oral, Cate Serious Eye Damage/Eye Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liqu H302: Harmful if swallowed H312: Harmful in contact wi H319: Causes serious eye	a, Category 4 egory 4 egory 4 Irritation, Category 2 Danger uid and vapor.						
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	. HIMICAL								
			ES: Rinse cautiously with wate	er for several minutes	 Remove contact 	t lenses, if present and easy			
		Continue rinsing.	NTER or doctor/physician if you feel unwell.						
P330: Rinse mouth.									
	P337+	313: If eye irritatior	n persists, get medical advice/a	attention.					
	P362+	364: Take off conta	aminated clothing and wash it b	pefore reuse.					
	GHS S	Storage and Dispo	sal Phrases:						
	Please	e refer to Section 7	for Storage and Section 13 for	Disposal information	۱.				
2.3	Advers	e Human Health	Can cause fatal cyanide pois	oning.					
	Effects	and Symptoms:	Causes serious eye irritation.						
			Harmful if swallowed, inhaled	-		winstow (two of			
			Material may be irritating to the May be fatal if swallowed, inh			spiratory tract.			
			May cause skin or respiratory						
			Several hours may elapse fro	-	t of symptoms.				
			To the best of our knowledge	e, the toxicological pro	operties have not	been thoroughly investigated.			
		Sect	ion 3. Composition	/Information of	on Ingredie	nts			
CAS	#/		oonents (Chemical Name)/	Concentration	EC No./	GHS Classification			
RTEC		REACH Registrat		Concentration	EC Index No.				
NA NA		20-HETE-d6 MaxSp	ec™ Standard	0.001 %	NA NA	No data available.			
75- AL770	05-8	Acetonitrile		99.999 %	200-835-2	Flam. Liq. 2: H225			
ALTTO	10000				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	Descrip	otion of First Aid							
	Measur	es:							
	In Case	of Inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.						
	In Coor	of Skin Contact	Get immediate medical attention.						
	In Case	of Skin Contact:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminate 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						
	in Case		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.						
-		ant Symptoms and Exposure may cause: asphyxia, cyanosis, depression, diarrhea, dizziness, drowsiness, excitement,							
		, Both Acute and	headache, impaired judgeme			• ·			
	Delaye	a:	Treat as cyanide poisoning. A instructions. The onset of syn	-	-				
	Note fo	r the Doctor:	Acetonitrile is metabolized to			-			
			signs of cyanide poisoning ar	-					

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		Section	5. Fire Fi	ghting Meas	ures			
5.1	Suitable Extinguishing	Use alcohol-resis	stant foam, carb	on dioxide, water, o	r dry chemical spray.			
	Media:	Use water spray	to cool fire-expo	osed containers.				
	Unsuitable Extinguishing	J A solid water stre	eam may be inef	fficient.				
	Media:							
5.2	Flammable Properties and Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.							
	Hazards:	Container explos	sion may occur u	Inder fire conditions	i.			
	Emits toxic fumes under fire conditions.							
		Sensitive to station	c discharge.					
		Vapors can travel to a source of ignition and flash back.						
		No data available	Э.					
	Flash Pt:	2.00 C Method	Used: Closed	Cup				
	Explosive Limits:	LEL: 3.0%	at 25.0 C	UEL: 16.0%	at 25.0 C			
	Autoignition Pt:	524.00 C						
5.3	Fire Fighting Instructions	s: As in any fire, we	ear self-containe	d breathing appara	tus pressure-demand (NIOSH	approved or		
		equivalent), and	full protective ge	ear to prevent conta	ct with skin and eyes.			
		Note: Flammable	e as diluted in ac	cetonitrile.				
		Section 6.	Accidenta	Release Me	easures			
6.1	Protective Precautions,	Avoid breathing	vapors and prov	vide adequate venti	lation.			
		-		=	f-contained breathing apparatu	s, or respirator,		
	Emergency Procedures:				safety goggles, and heavy rub			
6.2	Environmental	Take steps to av	void release into	the environment, if	safe to do so.			
	Precautions:							
6.3	Methods and Material Fo	r Contain spill and	d collect, as app	ropriate.				
					in accordance with local regula	ations.		
	Up:	-						
		Soction	7 Handl	ing and Stor	200			
				•	aye			
7.1	Precautions To Be Taken	-	-					
	in Handling:	Avoid prolonged Keep away from						
			-	gainst static dischar	00			
7.2	Procentions To Be Taken				90.			
1.2	in Storing:	ken Keep away from heat, sparks and flame. Keep container tightly closed.						
	Store in accordance with information listed on the product insert.							
	Other Precautions:	Store upright and unopened at -20C.						
	•••••	Warm to room temperature before opening.						
		Light sensitive.						
—					Droto otio n			
• 1			Sule Com	trols/Persona				
8.1	Exposure Parameters:							
CAS		Jurisdict		Recommended E	xposure Limits	Notations		
75-05	5-8 Acetonitrile	ACGIH TI	LV	TLV: 20 ppm				
		Europe		TWA: 70 mg/m3 (40		Skin Absorption		
		France VI	L	TWA: 70 mg/m3 (40 STEL: ()	ppm)			
		OSHA PE	-ls	PEL: 40 ppm				
l				1 10 PP		1		
					N	Iulti-region formation		



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	-8 Acetonitrile	Britain EH40	TWA: 68 mg/m3 (40 ppm)	1						
(contir	nued)		STEL: 102 mg/m3 (60 ppm)							
8.2	Exposure Controls:									
8.2.1 Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to										
	(Ventilation etc.): levels below recommended exposure limits.									
8.2.2	Personal protection equipment:									
	Eye Protection: Safety glasses									
	Protective Gloves: Compatible chemical-resistant gloves									
	Other Protective Clothing:Lab coat									
	Respiratory Equipment NIOSH approved respirator, as conditions warrant.									
	(Specify Type):									
	Work/Hygienic/Maintenan D	o not take internally.								
	ce Practices: Fa	acilities storing or utilizing this ma	aterial should be equipped with an eyewash and a	a safety shower.						
	W	ash thoroughly after handling.								
	Ν	o data available.								
	Sec	tion 9 Physical and	Chemical Properties							
9.1	Information on Basic Physic	•								
9.1	Physical States:	[]Gas [X]Liquid	[] Solid							
	Appearance and Odor:	A solution in acetonitrile								
	pH:	No data.								
	Melting Point:	No data.								
	Boiling Point:	No data.								
	Flash Pt:									
	Evaporation Rate:	2.00 C Method Used: Closed Cup No data.								
	Flammability (solid, gas):	No data available.								
	Explosive Limits:	LEL: 3.0% at 25.0	C UEL: 16.0% at 25.0 C							
	Vapor Pressure (vs. Air or m									
	Hg):									
	Vapor Density (vs. Air = 1):	No data.								
	Specific Gravity (Water = 1):	No data.								
	Solubility in Water:	No data.								
	Octanol/Water Partition	No data.								
	Coefficient:									
	Autoignition Pt:	524.00 C								
	Decomposition Temperature									
	Viscosity:	No data.								
	,									
9.2	Other Information									
9.2	Other Information Percent Volatile:	No data.								



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Section 10. Stability and Reactivity					vity				
10.1 Reactivity: No data ava				ilable.					
10.2	Stability	:	Unstable [] Stable [X]						
10.3	Stability	ty Note(s): Stable if stored in accordance with information listed on the product insert.							
	Polymer	ization:	Will occur [] Will not occur [X]					
10.4	Conditio	nditions To Avoid: heat, flames and sparks							
10.5									
	To Avoid:		alkali metals	3					
			bases						
			oxidizing ag	ents					
			reducing ag						
10.6	Hazardo		carbon diox						
	-	osition or	carbon mon						
	Byprodu	icts:	hydrogen cy						
			nitrogen oxi						
			Sectio	n 11. Toxicological	Informa	ation			
11.1	Informat	ion on	The toxicolo	gical effects of this product ha	ave not beer	thoroughly st	udied.		
	Toxicolo	gical Effects:	Acetonitrile	- Toxicity Data: Oral LD50 (ra	t): 2,460 mg	/kg; Oral LD50) (mouse): 269	mg/kg; Oral	
				t): 50 mg/kg; Oral TDLO (mar			, .	kg; Inhalation	
				an): 160 ppm (4h); Inhalation			-		
				- Irritation Data: Skin (rabbit)	-			noderate;	
		Toxicological		- Investigated as a mutagen,	•		0		
	Effects:		-	Registry of Toxic Effects of C		stances (RTE	CS) data is pre	sented here.	
				entry in RTECS for complete i	niormation.				
Carci	Carcinogenicity:		Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No OSHA Regulated? No						
		1	_	. .		-		06114	
CAS	# NA	Hazardous Com	-		NTP	IARC	ACGIH	OSHA	
			Spec Stan	dard	n.a.	n.a.	n.a.	n.a.	
75	-05-8	Acetonitrile			n.a.	n.a.	A4	n.a.	
			Sect	ion 12. Ecological I	nformat	ion			
12.1	Toxicity	:	Avoid release into the environment.						
			Runoff from fire control or dilution water may cause pollution.						
12.2	Persiste	nce and	No data ava	ilable.					
	Degrada	bility:							
12.3	Bioaccu	mulative	No data ava	ilable.					
	Potential:								
12.4	4 Mobility in Soil:		No data available.						
12.5	-		No data available.						
12.6			No data ava	ailable.					

Multi-region format



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		Section 13. Dispos	sal Considera	itions	
13.1 Waste	Disposal Method:	Dispose in accordance with loc	al, state, and federal	regulations.	
		Section 14. Trar	sport Informa	ation	
14.1 LAND	TRANSPORT (US	ООТ):			
DOT Prop	per Shipping Name:	Acetonitrile Solution			
DOT Haza	ard Class:	3 FLAMMAE	BLE LIQUID		
UN/NA N	umber:	1648	Packing Gro	oup:	II
14.1 LAND	TRANSPORT (Euro	Drean ADR/RID):			
	Shipping Name:	Acetonitrile Solution			
UN Numb		1648	Packing Gro	oup:	Ш
Hazard C	lass:	3 - FLAMMABLE LIQUID	5		
14.3 AIR TI	RANSPORT (ICAO/I	ATA):			
ICAO/IAT	A Shipping Name:	Acetonitrile Solution			
UN Numb	ber:	1648	Packing Gro	oup:	Ш
Hazard C	lass:	3 - FLAMMABLE LIQUID	IATA Classi	fication:	3
Additional Tr	ansport	Transport in accordance with lo	ocal, state, and feder	al regulations.	
Information:		When sold in quantities of less E1, E2, E4, or E5, this item me Therefore packaging does not	eets the De Minimis C have to be labeled a	Quantities exemptions Dangerous Good	on, per IATA 2.6.10.
		Section 15. Regu	latory Informa	ation	
EPA SARA (S	Superfund Amendm	ents and Reauthorization Act	of 1986) Lists		
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	20-HETE-d6 Max	Spec™ Standard	No	No	No
75-05-8	Acetonitrile		No	Yes 5000 LB	Yes
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or	State Lists	
NA			CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No		
75-05-8	Acetonitrile			HAP; CWA NPDE: IR; CA PROP.65: I	S: No; TSCA: Yes - No
Regulatory In Statement:	formation	This SDS was prepared in acce No.1272/2008.	ordance with 29 CFR	1910.1200 and Re	egulation (EC)



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Section 16. Other Information				
Revision Date:	04/15/2018			
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.			