

KQ6300000

01-2119457610-43

SAFETY DATA SHEET 1-Deoxysphingosine (m18:1(14Z))

Revision: 08/17/2018

		Section 1 la	Initification of the Substar	nco/Mixturo and of t	ha Company/Ur	ndortaking				
			lentification of the Substar		ne company/or	иенакіну				
.1	Product		24515							
	Product		1-Deoxysphingosine (m1							
	Synonyms: (2S,3R,14Z)-2-amino-14-octadecen-3-ol; 1-deoxySO; 14Z-1-Deoxysphingosine (d18:									
.2	Relevant identified uses of the substance or mixture and uses advised against:									
	Relevant identified uses: For research use only, not for human or veterinary use.									
1.3	Details of the Supplier of the Safety Data Sheet:									
	Company Name: Cayman Chemical Company									
			1180 E. Ellsworth Rd.							
	Wah a	to oddrooo.	Ann Arbor, MI 48108							
		ite address:	www.caymanchem.com		.4 (70)	4)074 0005				
		nation:	Cayman Chemical Comp	any	+1 (734	4)971-3335				
1.4	-	ncy telephone num			. 4 . (00)	0) 424 0200				
	Emerg	jency Contact:	CHEMTREC Within USA		-	0)424-9300				
			CHEMTREC Outside US			3)527-3887				
			Section 2. Ha	zards Identific	ation					
2.1	Classifi	cation of the Substa	ance or Mixture:							
	Flamr	nable Liquids, Cate	norv 2							
2.2		lements:	gory z							
		Signal Word:	Danger							
	GHS Hazard Phrases:									
		Highly flammable liq	-							
		Precaution Phrases		urfacea) No amolying	~					
	P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking.									
	P280: Wear {protective gloves/protective clothing/eye protection/face protection}.									
	GHS Response Phrases: P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with									
	water/shower.									
	GHS Storage and Disposal Phrases:									
	Please refer to Section 7 for Storage and Section 13 for Disposal information.									
2.3		Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract.								
-	Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption.									
	May cause eye, skin, or respiratory system irritation.									
			To the best of our knowledge	e, the toxicological pro	operties have not	been thoroughly investigate				
		Section	on 3. Composition	/Information c	on Ingredier	nts				
CAS RTEC		Hazardous Compo REACH Registratio	onents (Chemical Name)/	Concentration	EC No./ EC Index No.	GHS Classification				
	87-94-4	1-Deoxysphingosine (0.1 %	NA	No data available.				
64-17-5		Ethyl alcohol		99.9 %	200-578-6	Flam. Liq. 2: H225				

Multi-region format

603-002-00-5



		Section 4. First Aid Measures						
4.1	Description 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:	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 examine 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	Important Symptoms and Effects, Both Acute and Delayed:	May cause anemia, cough, CNS depression, drowsiness, headache, heart damage, lassitude (weakness, exhaustion), liver damage, narcosis, reproductive effects, teratogenic effects.						
		Section 5. Fire Fighting Measures						
 5.1	Suitable Extinguishing	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.						
	Media:	Use water spray to cool fire-exposed containers.						
	Unsuitable Extinguishing Media:	A solid water stream may be inefficient.						
5.2	Flammable Properties and Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.							
	Hazards:	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.						
		No data available.						
	Flash Pt:	14.00 C Method Used: Closed Cup						
	Explosive Limits:	LEL: 3.3% at 25.0 C UEL: 19.0% at 25.0 C						
	Autoignition Pt:	363.00 C						
5.3	-	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 ethanol.						
		Section 6. Accidental Release Measures						
6.1	Protective Precautions,	Avoid breathing vapors and provide adequate ventilation. d As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator						
	Emergency Procedures:	and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).						
6.2	Environmental Precautions:	Take steps to avoid release into the environment, if safe to do so.						
6.3		r Contain spill and collect, as appropriate.						
0.0	Containment and Cleanin	gTransfer to a chemical waste container for disposal in accordance with local regulations.						
	Up:							



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		Section 7. Ha	andling and Storage						
7.1	Precautions To Be Taken	gas/mist/vapours/spray.							
	in Handling:	Avoid prolonged or repeate	ed exposure.						
		Keep away from sources of	-						
			res against static discharge.						
7.2		Keep away from heat, spar							
	in Storing:	Keep container tightly close							
	Other Precautions:	Hygroscopic	in accordance with information listed on the product insert.						
	Sect	ion 8. Exposure C	Controls/Personal Protection						
8.1	Exposure Parameters:								
CAS	# Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations					
64-17	7-5 Ethyl alcohol	ACGIH TLV	TLV: 1000 ppm STEL: 1000 ppm						
		France VL	TWA: 1900 mg/m3 (1000 ppm)						
		OSHA PELs	STEL: 9500 mg/m3 (5000 ppm) PEL: 1000 ppm						
		Britain EH40	TWA: 1920 mg/m3 (1000 ppm)						
			STEL: ()						
8.2	Exposure Controls:								
8.2.1	cal exhaust ventilation, or other engineering con	trols to control airborne							
	(Ventilation etc.):	levels below recommended	exposure limits.						
8.2.2	Personal protection equip								
	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		ot take internally. lities storing or utilizing this material should be equipped with an eyewash and a safety shower.						
	ce Practices:	• •	es storing or utilizing this material should be equipped with an eyewash and a safety shower thoroughly after handling.						
			data available.						
	0								
			and Chemical Properties						
9.1	Information on Basic Phys	_							
	Physical States:	[]Gas [X]Lic							
I	Appearance and Odor:	A solution in ethance)I						
	pH:	No data.							
	Melting Point: Boiling Point:	No data. No data.							
	Flash Pt:		Jsed: Closed Cup						
	Evaporation Rate:	No data.							
	Flammability (solid, gas):								
	Explosive Limits:								
	Vapor Pressure (vs. Air or	rmm 43 MM_HG at 2	43 MM_HG at 20.0 C						
I	Hg):								
	Vapor Density (vs. Air = 1): No data.							

Multi-region format



	-	Gravity (Water	•	o data.							
		ty in Water:		o data.							
		Water Partition	N	o data.							
	Coeffici	ent:									
	Autoign	ition Pt:	30	63.00 C							
	Decomp	osition Tempera	ature: N	o data.							
	Viscosit	y:	N	o data.							
9.2	Other Inf	formation									
	Percent	Volatile:	N	o data.							
	Molecul	ar Formula & We	eight: C	18H37NO	283.5						
			Se	ction 1	0. Stability	/ and	React	vity			
10.1	Reactivi	ity:	No data a	vailable.							
10.2	Stability	' :	Unstable	[] S	itable [X]						
10.3	Stability	v Note(s):	Stable if	stored in a	ccordance with	informa	tion listed	on the product	t insert.		
	Polyme	rization:	Will occu	r[] \	Will not occur [2	X]					
10.4	Conditio	ons To Avoid:	heat, flan	nes, and s	parks						
10.5	Incompa	atibility - Materia	ils alkali me	als							
	To Avoi	d:	ammonia	ammonia							
			peroxides								
			strong oxidizing agents								
10.6	Hazardo	ous	carbon di	oxide							
	Decomp	osition or	carbon m	onoxide							
	Byproducts:										
			Sect	ion 11	. Toxicolo	gical	Inform	ation			
11.1	Informa	tion on	The toxic	The toxicological effects of this product have not been thoroughly studied.							
	Toxicol	ogical Effects:	Ethanol - Toxicity Data: Oral TDLO (man): 1.14 ml/kg; Oral TDLO (man): 650 mg/kg; Oral LD50								
	J		(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) moderate;								
	Chronic	Toxicological		-	ted as a drug, m	nutagen,	natural pr	oduct, primary	irritant, reprod	uctive effector,	
	Effects:			and tumorigen.							
			Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.								
				•		•	formation.				
					mber: KQ6300						
Carci	nogenicit	y:	NTP? No		C Monographs?	? NO	OSHA R	egulated? No			
CAS	#	Hazardous Cor			Name)		NTP	IARC	ACGIH	OSHA	
2190487-94-4		1-Deoxysphingo	osine (m18:	(14Z))			n.a.	n.a.	n.a.	n.a.	
64-17-5		Ethyl alcohol					n.a.	1	A4	n.a.	
		i						•	•	•	



Section 12. Ecological Information								
12.1 Toxicity: Avoid release into the environment.								
		Runoff from fire control or dilution water may cause pollution.						
12.2 Persiste	sistence and No data available.							
Degrada	ability:							
	Imulative							
Potentia								
12.4 Mobility		No data available.						
12.5 Results assessr		No data available.						
12.6 Other a	dverse effects:	No data available.						
		Section 13. Disp	oosal Considerat	tions				
13.1 Waste D)isposal Method:	Dispose in accordance with	local, state, and federal	regulations.				
		Section 14. Tr	ansport Informa	tion				
14.1 LAND 1	RANSPORT (US I	DOT):						
DOT Prope	er Shipping Name:	Ethyl Alcohol Solution						
DOT Hazar	d Class:	3 FLAMN	ABLE LIQUID					
UN/NA Nur	nber:	1170	Packing Gro	up:	II			
14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II Hazard Class: 3 - FLAMMABLE LIQUID IA.3 AIR TRANSPORT (ICAO/IATA): ICAO/IATA Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II Hazard Class: 3 - FLAMMABLE LIQUID IATA Classification: 3 Hazard Class: 3 - FLAMMABLE LIQUID IATA Classification: 3 Additional Transport Transport in accordance with local, state, and federal regulations. Information: When sold in quantities of less than or equal to 1 mL, or 1 g, with an Excepted Quantity Content					II 3 epted Quantity Code of per IATA 2.6.10.			
	Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.							
	Section 15. Regulatory Information							
	1	ents and Reauthorization /	-	S 304 PO	6 212 /TDI\			
CAS # 2190487-94-4		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ No	S. 313 (TRI)			
64-17-5	1-Deoxysphingosine (m18:1(14Z)) Ethyl alcohol		No	No	No			
CAS # 2190487-94-4	Hazardous Com 1-Deoxysphingos	ponents (Chemical Name) ine (m18:1(14Z))	Other US EPA or CAA HAP,ODC: N PROP.65: No	State Lists lo; CWA NPDES: No	; TSCA: No; CA			
64-17-5	Ethyl alcohol		CAA HAP,ODC: N	o; CWA NPDES: No	; TSCA: Yes -			
					Multi-region format			



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	Inventory; CA PROP.65: No				
Regulatory InformationThis SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC)Statement:No.1272/2008.					
	Section 16. Other Information				
Revision Date:	08/17/2018				
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.				