

Revision: 03/06/2018

.1	Produc	t Code:	24378				
	Produc	t Name:	DL-erythro Sphinganine (d20:0)				
	Synony	yms:	2R-aminoicosane-1,3S-diol, 2R-monoamir	oicosane-1,3S-diol	; DL-erythro-Sphinganine C2		
			DL-eryrthro Sphinganine (d18:0/20:0); C20	(d18:0/20:0); C20 DL-erythro Sphinganine;			
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.						
3	Details of the Supplier of the Safety Data Sheet:						
	Company Name: Cayman Chemical C		Cayman Chemical Company				
			1180 E. Ellsworth Rd.				
			Ann Arbor, MI 48108				
	Web	site address:	www.caymanchem.com				
	Inforr	mation:	Cayman Chemical Company	+1 (73	34)971-3335		
4	Emerge	ency telephone num	ber:				
	Emer	gency Contact:	CHEMTREC Within USA and Canada:	+1 (80	00)424-9300		
			CHEMTREC Outside USA and Canada:	+1 (70	03)527-3887		
			CHEMTREC Outside USA and Canada: Section 2. Hazards Identi	`	03)527-3887		
.1	Classif	ication of the Substa	Section 2. Hazards Identi	`	03)527-3887		
		ication of the Substa	Section 2. Hazards Identi	`	03)527-3887		
	Label E	Elements:	Section 2. Hazards Identi ance or Mixture:	`	03)527-3887		
	Label E GHS	Elements: Signal Word:	Section 2. Hazards Identi	`	03)527-3887		
	Label E GHS GHS	Elements: Signal Word: Hazard Phrases:	Section 2. Hazards Identi ance or Mixture: None	fication	- 		
	Label E GHS GHS Base	Elements: Signal Word: Hazard Phrases: d on evaluation of cur	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture	fication	- 		
	Label E GHS GHS Base GHS	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture	fication	- 		
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2	Label E GHS Base GHS No ph GHS No ph GHS Pleas Advers	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases mases apply. Response Phrases: mases apply. Storage and Dispos se refer to Section 7 for se Human Health	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture : al Phrases: or Storage and Section 13 for Disposal informa	fication is not classifiable a tion.	ccording to GHS.		
2	Label E GHS Base GHS No ph GHS No ph GHS Pleas Advers	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases: mrases apply. Response Phrases: mrases apply. Storage and Dispos se refer to Section 7 for se Human Health s and Symptoms:	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture al Phrases: or Storage and Section 13 for Disposal informa Material may be irritating to the mucous memb	fication is not classifiable a tion. rranes and upper re	ccording to GHS.		
2	Label E GHS Base GHS No ph GHS No ph GHS Pleas Advers	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases: hrases apply. Response Phrases: hrases apply. Storage and Dispos se refer to Section 7 for se Human Health s and Symptoms:	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture : al Phrases: or Storage and Section 13 for Disposal informa Material may be irritating to the mucous memb May be harmful by inhalation, ingestion, or ski	fication is not classifiable a tion. rranes and upper re n absorption. tation.	ccording to GHS.		
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.1 .2 .3	Label E GHS Base GHS No pl GHS No pl GHS Pleas Effects	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases: mases apply. Response Phrases: mases apply. Storage and Dispos se refer to Section 7 for se Human Health s and Symptoms: Section	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture al Phrases: or Storage and Section 13 for Disposal informa Material may be irritating to the mucous memb May be harmful by inhalation, ingestion, or skii May cause eye, skin, or respiratory system irri To the best of our knowledge, the toxicologica on 3. Composition/Information	fication is not classifiable a tion. tranes and upper re n absorption. tation. I properties have no n on Ingredie	ccording to GHS. espiratory tract.		
.2 .3	Label E GHS Base GHS No pl GHS No pl GHS Pleas Effects	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases: mases apply. Response Phrases: mases apply. Storage and Dispos se refer to Section 7 for se Human Health s and Symptoms: Section	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture al Phrases: or Storage and Section 13 for Disposal informa Material may be irritating to the mucous memb May be harmful by inhalation, ingestion, or skin May cause eye, skin, or respiratory system irri To the best of our knowledge, the toxicologica On 3. Composition/Information onents (Chemical Name)/ Concentration	fication fication is not classifiable a tion. rranes and upper re n absorption. tation. I properties have no	ccording to GHS.		
.2 .3	Label E GHS GHS Base GHS No pl GHS Pleas Advers Effects	Elements: Signal Word: Hazard Phrases: d on evaluation of cur Precaution Phrases: nrases apply. Response Phrases: nrases apply. Storage and Dispos se refer to Section 7 for se Human Health s and Symptoms: Section Hazardous Compo	Section 2. Hazards Identi ance or Mixture: None rently available data this substance or mixture al Phrases: or Storage and Section 13 for Disposal information Material may be irritating to the mucous memb May be harmful by inhalation, ingestion, or skii May cause eye, skin, or respiratory system irri To the best of our knowledge, the toxicologica On 3. Composition/Information ponents (Chemical Name)/ on No.	fication is not classifiable a tion. tranes and upper re n absorption. tation. I properties have no n on Ingredie EC No./	ccording to GHS. espiratory tract.		

Multi-region format



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	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 contaminated 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. 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.				
	In Case of Ingestion:					
		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	A solid water stream may be inefficient.				
	Media:					
5.2	Flammable Properties an Hazards:	dNo data available.				
		No data available.				
	Flash Pt:	No data.				
	Explosive Limits:	LEL: No data. UEL: No data.				
	Autoignition Pt:	No data.				
5.3	Fire Fighting Instructions	s: 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.				
		Section 6. Accidental Release Measures				
6.1	Protective Precautions,	Avoid raising and breathing dust, and provide adequate ventilation.				
	Protective Equipment an	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	Methods and Material Fo	r Contain spill and collect, as appropriate.				
	Containment and Cleanir	hgTransfer to a chemical waste container for disposal in accordance with local regulations.				
	Up:					
		Section 7. Handling and Storage				
7.1	Precautions To Be Taker	Avoid breathing dust/fume/gas/mist/vapours/spray.				
	in Handling:	Avoid prolonged or repeated exposure.				
7.2	Precautions To Be Taker	Keep container tightly closed.				
	in Storing:	Store in accordance with information listed on the product insert.				
	Sec	tion 8. Exposure Controls/Personal Protection				
8.1	Exposure Parameters:					

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	HEMICAL						
8.2	Exposure Controls:						
8.2.1							
	(Ventilation etc.):	levels below recommended exposure limits.					
8.2.2	Personal protection equip	ment:					
	Eye Protection:	y glasses patible chemical-resistant gloves					
	Protective Gloves:						
	Other Protective Clothing:Lab coat						
		SH approved respirator, as conditions warrant.					
	(Specify Type):						
	Work/Hygienic/Maintenan Do not take internally.						
		ies storing or utilizing this material should be equipped with an eyewash and a safety shower.					
		n thoroughly after handling.					
		ata available.					
		ection 9. Physical and Chemical Properties					
9.1		ical and Chemical Properties					
	Physical States:	[]Gas []Liquid [X]Solid					
	Appearance and Odor:	A solid					
	pH:	No data.					
	Melting Point:	No data.					
	Boiling Point:	No data.					
	Flash Pt:	No data.					
	Evaporation Rate:	No data. No data available.					
	Flammability (solid, gas):						
	Explosive Limits:	LEL: No data. UEL: No data.					
	Vapor Pressure (vs. Air or	No data.					
	Hg):						
	Vapor Density (vs. Air = 1)	No data. No data. No data. Soluble in: a 5:1 (warm) solution of chloroform:MeOH;					
	Specific Gravity (Water = 1						
	Solubility in Water:						
	Solubility Notes:						
	Octanol/Water Partition	No data.					
	Coefficient:						
	Autoignition Pt:	No data.					
	Decomposition Temperatu	ure: No data.					
	Viscosity:	No data.					
9.2	Other Information						
0.2	Percent Volatile:	No data.					
	Molecular Formula & Weig	INT: C20H43NO2 329.0					



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			Section 10. Stability and	d Reacti	vity				
10.1	Reactivit	y:	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.						
	Polymeri	zation:	Will occur [] Will not occur [X]						
10.4	Conditio	nditions To Avoid: No data available.							
10.5	5 Incompatibility - Materials No data available.								
To Avoid:									
10.6	Hazardo	us	No data available.						
	Decomp	position or							
	Byprodu	cts:							
			Section 11. Toxicologica	I Informa	ation				
11.1	Informat	ion on	The toxicological effects of this product h	nave not beer	n thoroughly st	udied.			
	Toxicolo	gical Effects:							
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA		
	NA	DL-erythro Sphine	ganine (d20:0)	n.a.	n.a.	n.a.	n.a.		
			Section 12. Ecological	Informat	ion				
12.1	Toxicity:		Avoid release into the environment.						
	-		Runoff from fire control or dilution water may cause pollution.						
12.2	Persister	nce and	No data available.						
	Degrada	bility:							
12.3	Bioaccu	nulative	No data available.						
	Potential	:							
12.4	Mobility	in Soil:	No data available.						
12.5	Results	of PBT and vPvB	No data available.						
	assessm	ent:							
12.6	Other ad	verse effects:	No data available.						
			Section 13. Disposal Co	nsiderat	ions				
13.1	Waste Di	sposal Method:	Dispose in accordance with local, state,						
			Section 14. Transport	Informat	ion				
14.1	LAND T	RANSPORT (US I	DOT):						
D	OT Prope	Shipping Name:	Not dangerous goods.						
D	OT Hazaro	l Class:							
U	N/NA Num	iber:							
14.1	LAND TI	RANSPORT (Euro	opean ADR/RID):						
A	DR/RID Sł	hipping Name:	Not dangerous goods.						
U U	N Number	:							
н	azard Clas	ss:							



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14.3	AIR TRANS	PORT	(ICAO/IATA):
-	-	-	(· · ·)

ICAO/IATA Shipping Name:

Not dangerous goods.

Additional Transport Information:

Section 15. Regulatory Information

Transport in accordance with local, state, and federal regulations.

CAS #	Hazardous Components (Chemical Name)		S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
NA	DL-erythro Sphinganine (d20:0)		No	No	No	
CAS #	# Hazardous Components (Chemical Name)		Other US EPA or State Lists			
NA	DL-erythro Sphinganine (d20:0)		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Information Statement:		This SDS was prepared in acc No.1272/2008.	ordance with 29 CFR	1910.1200 and R	egulation (EC)	
		Section 16. Ot	her Informatic	n		
Revision Date:		03/06/2018				
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.				