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			o Regulation (EC) No. 1907/2006 as a					
		Section 1. Ide	entification of the Substar	nce/Mixture and of	the Company/U	ndertaking		
.1	Product		29072					
	Product		2-deoxy-D-Ribose					
	Synony	ms:	2-deoxy-D-erythro-pentose; 2-Deoxy-D-arabinose; Thyminose;					
	(3S,4R)-3,4,5-Trihydroxypentanal;							
.2	Relevant identified uses of the substance or mixture and uses advised against:							
	Releva	ant 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 Comp			bany				
			1180 E. Ellsworth Rd. Ann Arbor, MI 48108					
	Wohe	ite address:	www.caymanchem.com					
	Inform		Cayman Chemical Com	anv.	+1 (73	4)971-3335		
				Jany	+1 (73	4/97 1-3333		
1.4	-	ncy telephone numb		and Consider	14 (0)	00/404 0200		
	Emerg	ency Contact:	CHEMTREC Within USA CHEMTREC Outside US		-	00)424-9300 03)527-3887		
						55,521-5001		
			Section 2. Ha	zards identifi	cation			
.1	Classification of the Substance or Mixture:							
.2	Label Elements:							
	GHS Signal Word: None							
	GHS Hazard Phrases:							
	Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS.							
	GHS Precautionary Phrases:							
	No phrases apply.							
	GHS Response Phrases:							
	No phrases apply.							
	GHS Storage and Disposal Phrases:							
	Please refer to Section 7 for Storage and Section 13 for Disposal information.							
	UFI:		0	·				
<ul> <li>2.3 Adverse Human Health Material may be irritating to the mucous membranes and upper respirato</li> </ul>				spiratory 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, the toxicological properties have not been thoroughly investigated.							
		Sectio	n 3. Composition		on Ingredie	nts		
		I	•	1		1		
CAS # / RTECS #		Hazardous Compor REACH Registratio	nents (Chemical Name)/ n No.	Concentration	EC No./ EC Index No.	GHS Classification		
RTE					1			



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a by trained personnel. Remove contaminated se. Have eyes examined ng by mouth to an directed to do so by						
Remove contaminated se. Have eyes examined ng by mouth to an						
Remove contaminated se. Have eyes examined ng by mouth to an						
se. 5. Have eyes examined ng by mouth to an						
. Have eyes examined ng by mouth to an						
Section 5. Fire Fighting Measures						
IIOSH approved or						
oparatus, or respirator,						
vy rubber gloves).						
l regulations.						
Up:						
trols to control airborne						

Multi-region format

# Cayman

## SAFETY DATA SHEET 2-deoxy-D-Ribose

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	(Ventilation etc.):						
8.2.2							
0.2.2							
	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	-					
	ce Practices:	Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling.					
		No data available.					
	S	ection 9. Physical and Chemical Properties					
9.1	Information on Basic Phys	sical 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.					
	Flammability (solid, gas):	No data available.					
	Explosive Limits:	LEL: No data. UEL: No data.					
	Vapor Pressure (vs. Air o	r mm No data.					
	Hg):						
	Vapor Density (vs. Air = 1	): No data.					
	Specific Gravity (Water =	1): No data.					
	Solubility in Water:	No data.					
	Solubility Notes: ~10 mg/ml in PBS (pH 7.2); ~5 mg/ml in EtOH; ~3 mg/ml in DMSO; ~10 mg/ml in DMF;						
	<b>Octanol/Water Partition</b>	No data.					
	Coefficient:						
	Autoignition Pt:	No data.					
	Decomposition Temperat	ure: No data.					
	Viscosity:	No data.					
9.2	Other Information						
	Percent Volatile:	No data.					
	Molecular Formula & Weig	ght: C5H10O4 134.1					
		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:	No data available.					
10.5	Incompatibility - Materials						
	To Avoid:						
10.6	Hazardous	carbon dioxide					
		carbon monoxide					



	Decomposition or							
	Byproducts:							
			Section 11. Toxico	ological Info	rmation			
11.1	Informa	tion on	The toxicological effects of this	product have not	been thoroughly st	udied.		
	Toxicolo	ogical Effects:						
CAS	#	Hazardous Com	ponents (Chemical Name) NTP IAR			ACGIH	OSHA	
533	533-67-5 D-erythro-pentose, 2-deoxy- n.a. n.a. n.a. n.a. n.a.						n.a.	
			Section 12. Ecolo	ogical Inforr	nation			
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 available.					
	Degrada	ıbility:						
12.3	Bioaccu	mulative	No data available.					
	Potentia	l:						
12.4	Mobility	in Soil:	No data available.					
12.5	Results	of PBT and vPvB	No data available.	No data available.				
	assessn							
12.6	Other ad	lverse effects:	No data available.					
			Section 13. Dispo	sal Conside	rations			
13.1	Waste D	isposal Method:	Dispose in accordance with loc	al, state, and fede	eral regulations.			
			Section 14. Trar	nsport Inforr	nation			
14.1	LAND T	RANSPORT (US D	0OT):					
D	OT Prope	r Shipping Name:	Not dangerous goods.					
D	OT Hazar	d Class:						
U	N/NA Nun	nber:						
14.1	LAND T	RANSPORT (Euro	ean ADR/RID):					
Α	DR/RID S	hipping Name:	Not dangerous goods.					
UN Number:								
H	Hazard Class:							
14.3								
	ICAO/IATA Shipping Name:		Not dangerous goods.					
_	UN Number: Packing Group: Hazard Class:							
	tional Tra		Transport in accordance with I	ocal state and fe	deral regulations			
	mation:				acrai regulationo.			
			Section 15. Regu	latory Inform	nation			
EPA	SARA (Su	perfund Amendm	ents and Reauthorization Act	•				
		1	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313	B (TRI)	
533	3-67-5	D-erythro-pentose, 2-deoxy-		No	No	No		
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CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists		
533-67-5 D-erythro-pentos		e, 2-deoxy-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory: Active; CA PROP.65: No		
Regulatory Info Statement:	ormation	This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.			
		Section 16. Other Information			
Revision Date:		01/11/2020			
Additional Information About This Product:		No data available.			
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.			