

Page: 1 of 5

of the substance or mixture and uses advised ag For research use only, not for human or veter the Safety Data Sheet:	the Company/Undertaking nethyl-pregna-1,4-diene-3,20-dione-4,6,21,21-d4 gainst:					
22100 Dexamethasone-d4 9-fluoro-11.beta.,17,21-trihydroxy-16.alpham of the substance or mixture and uses advised ag :: For research use only, not for human or veter the Safety Data Sheet:	nethyl-pregna-1,4-diene-3,20-dione-4,6,21,21-d4					
Dexamethasone-d4 9-fluoro-11.beta.,17,21-trihydroxy-16.alpham of the substance or mixture and uses advised ag For research use only, not for human or veter the Safety Data Sheet:	gainst:					
Dexamethasone-d4 9-fluoro-11.beta.,17,21-trihydroxy-16.alpham of the substance or mixture and uses advised ag For research use only, not for human or veter the Safety Data Sheet:	gainst:					
of the substance or mixture and uses advised ag For research use only, not for human or veter the Safety Data Sheet:	gainst:					
For research use only, not for human or veter the Safety Data Sheet:	-					
the Safety Data Sheet:						
-	inary use.					
	Details of the Supplier of the Safety Data Sheet:					
Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108						
www.caymanchem.com						
Cayman Chemical Company	+1 (734)971-3335					
nber:						
CHEMTREC Within USA and Canada:	+1 (800)424-9300					
CHEMTREC Outside USA and Canada:	+1 (703)527-3887					
Section 2. Hazards Identific	cation					
Danger ty or the unborn child. s: ructions before use. all safety precautions have been read and underst active equipment as required. concerned: Get medical attention/advice. sal Phrases: for Storage and Section 13 for Disposal information	n. nes and upper respiratory tract. bsorption.					
	sal Phrases:					

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Revision: 07/02/2017

		Sect	ion 3. Composition	/Information	on Ingredie	nts		
RTECS # REACH Regist		Hazardous Comp REACH Registra		Concentration	EC No./ EC Index No. NA NA	GHS Classification		
		Dexamethasone-d4				Toxic Repro. 1B: H360		
			Section 4. Fi	rst Aid Meas	ures			
4.1	Descrip	tion 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.					
			Get immediate medical attent	ion.				
	In Case	of Skin Contact:	clothing. Get medical attention if symptoms occur. Wash clothing before reuse.					
	In Case	of Eye Contact:						
			and tested by medical persor					
	In Case	of Ingestion:	Wash out mouth with water p	-	-			
			•	dical attention. Do N	IOT induce vomiti	ng unless directed to do so by		
			medical personnel.					
			Section 5. Fire	Fighting Me	asures			
5.1	Suitable	e Extinguishing	Use alcohol-resistant foam, o	arbon dioxide, wate	er, or dry chemical	spray.		
	Media:		Use water spray to cool fire-e	exposed containers.				
	Unsuita	Unsuitable Extinguishing A solid water stream may be inefficient.						
	Media:							
5.2	Flamma Hazards	-	<b>d</b> No data available.					
			No data available.					
	Flash P	t:	No data.					
	Explosi	ve Limits:	LEL: No data.	UEL: No da	ata.			
	Autoigr	ition Pt:	No data.					
5.3 Fire Fighting Instruction			: As in any fire, wear self-conta	ained breathing app	aratus pressure-d	emand (NIOSH approved or		
			equivalent), and full protectiv	e gear to prevent co	ontact with skin an	d eyes.		
			Section 6. Acciden	ital Release I	Measures			
6.1	Protect	ive Precautions,	Avoid raising and breathing	dust, and provide ad	dequate ventilatior	۱.		
	Protect	ive Equipment an	d As conditions warrant, wear	a NIOSH approved	self-contained bre	eathing apparatus, or respirator,		
	Emerge	ncy Procedures:	and appropriate personal pro	otection (rubber boo	ts, safety goggles	, and heavy rubber gloves).		
6.2	Enviror	mental	Take steps to avoid release	into the environmen	it, if safe to do so.			
	Precaut	ions:						
6.3	Method	s and Material Fo	r Contain spill and collect, as	appropriate.				
Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local reg				with local regulations.				
	Up:							
			Section 7. Har	ndling and St	orage			
<b></b> 7.1	Precaut	ions To Be Taken	Avoid breathing dust/fume/ga	-	-			
	in Hand		Avoid prolonged or repeated		,			
7.2		-	Keep container tightly closed	-				
	in Stori		Store in accordance with info		e product insert.			
		-				Multi-region forma		



Page: 3 of 5

		8. Exposure Controls/Personal Protection				
8.1	Exposure Parameters:					
3.2	Exposure Controls:					
3.2.1		e process enclosures, local exhaust ventilation, or other engineering controls to control airborr				
	· · ·	els below recommended exposure limits.				
3.2.2	Personal protection equipment					
	-	y glasses				
		npatible chemical-resistant gloves				
	Other Protective Clothing:Lab coat					
		OSH approved respirator, as conditions warrant.				
	(Specify Type):					
	Work/Hygienic/Maintenan Do					
		ilities storing or utilizing this material should be equipped with an eyewash and a safety show				
		sh thoroughly after handling.				
		data available.				
	Sect	ion 9. Physical and Chemical Properties				
).1	Information on Basic Physical	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 or mn	n No data.				
	Hg):					
	Vapor Density (vs. Air = 1):	No data.				
	Specific Gravity (Water = 1):	No data.				
	Solubility in Water:	No data.				
	Solubility Notes:	Soluble in: acetonitrile, EtOH; DMSO;				
	Octanol/Water Partition	No data.				
	Coefficient:					
	Autoignition Pt:	No data.				
	Decomposition Temperature:	No data.				
	Viscosity:	No data.				
9.2	Other Information					
	Percent Volatile:	No data.				
	Molecular Formula & Weight:	C22H25D4FO5 396.5				

Multi-region format



Page: 4 of 5

Revision: 07/02/2017

			Section 10. Stability and	Reactiv	vity			
10.1	0.1 Reactivity: No data available.							
10.2	Stability	:	Unstable [ ] Stable [ X ]					
10.3	Stability	Note(s):	e(s): Stable if stored in accordance with information listed on the product insert.					
	Polymer	ation: Will occur [ ] Will not occur [ X ]						
10.4	Conditio	ns To Avoid:	No data available.					
10.5	Incompa	tibility - Materials	s No data available.					
	To Avoic	l:						
10.6 Hazardous			No data available.					
		osition or						
	Byprodu	cts:						
			Section 11. Toxicological	Informa	ation			
11.1	Informat	ion on	The toxicological effects of this product ha	ave not beer	thoroughly st	udied.		
	Toxicolo	gical Effects:						
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
	NA	Dexamethasone-	d4	n.a.	n.a.	n.a.	n.a.	
			Section 12. Ecological I	nformat	ion			
12.1	Toxicity:		Avoid release into the environment.					
			Runoff from fire control or dilution water n	nay cause po	ollution.			
12.2	Persiste	nce and	No data available.					
	Degrada	bility:						
12.3	Bioaccu	nulative	No data available.					
	Potentia	:						
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:	effects: No data available.					
			Section 13. Disposal Cor	nsiderati	ions			
13.1	Waste Di	sposal Method:	Dispose in accordance with local, state, a	nd federal re	egulations.			
			Section 14. Transport I	nformat	ion			
14.1	LAND T	RANSPORT (US I	DOT):					
D	OT Prope	<sup>·</sup> Shipping Name:	Not dangerous goods.					
D	DOT Hazard Class:							
U	N/NA Num	iber:						
14.1		RANSPORT (Euro						
		hipping Name:	Not dangerous goods.					
	N Number							
н	azard Clas	SS:						
1								



Revision: 07/02/2017

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name:

: Not dangerous goods. Transport in accordance with local, state, and federal regulations.

Additional Transport Information:

# Section 15. Regulatory Information

CAS # Hazardous Com		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
NA Dexamethasone-d		-d4	No	No	No	
CAS # Hazardous Components (Chemical Name)			Other US EPA or State Lists			
NA	Dexamethasone	-d4	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Ir Statement:	nformation	This SDS was prepared in acco No.1272/2008.	rdance with 29 CFR <sup>2</sup>	1910.1200 and Regul	ation (EC)	
		Section 16. Oth	er Information	ו		
Revision Date:		07/02/2017				
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.				