

Product Name: Cellular Retinol Binding Protein 7 Polyclonal Antibody Synonyms: Cellular Retinol Acid-Binding Protein IV; cRBP7; RET7; Retinoid Binding Protein 7; 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. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company (1480 C. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company (1480 C. Elisworth Rd. Ann Arbor, MI 48108 Web site address: etelefametric Emergency Contact: CHEMTREC Within USA and Canada: +1 (703)971-3335 1.4 Emergency Contact: CHEMTREC Outside USA and Canada: +1 (703)527-3887 2.1 Classification of the Substance or Mixture: 2 Label Elements: GHS Signal Word: None GHS Signal Word: None GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: Na harrow singenon. No phrases apply. Material m			acco	ording to Regulation (EC) No. 1907/2006 as amended by	(FO) No. 4070/000	20		
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RTECS # REACH Registration No. EC Index No. NA Cellular Retinol Binding Protein 7 Polyclonal 100.0 % NA No data available	2.2	Label Elements: GHS Signal Word GHS Hazard Phra Based on evaluati GHS Precaution No phrases apply GHS Response F No phrases apply GHS Storage and Please refer to Se Adverse Human H	I: ases: on of cu Phrases Phrases d Dispose ection 7 f ealth	tance or Mixture: None Irrently available data this substance or mixture is r s: : sal Phrases: for Storage and Section 13 for Disposal information Material may be irritating to the mucous membrar	not classifiable ac n. nes and upper res			
	2.2 2.3	Label Elements: GHS Signal Word GHS Hazard Phra Based on evaluati GHS Precaution No phrases apply GHS Response F No phrases apply GHS Storage and Please refer to Se Adverse Human H Effects and Sympt	I: on of cu Phrases Phrases d Dispose d Dispos	tance or Mixture: None urrently available data this substance or mixture is rest science sal Phrases: for Storage and Section 13 for Disposal information Material may be irritating to the mucous membrar May be harmful by inhalation, ingestion, or skin al May cause eye, skin, or respiratory system irritation To the best of our knowledge, the toxicological prise ion 3. Composition/Information (Concentration)	not classifiable ac n. nes and upper res bsorption. ion. roperties have not on Ingredie EC No./	spiratory tract. t been thoroughly investiga nts		
	2.2 2.3	Label Elements: GHS Signal Word GHS Hazard Phra Based on evaluati GHS Precaution No phrases apply GHS Response F No phrases apply GHS Storage and Please refer to Se Adverse Human H Effects and Sympt # / CS #	I: ases: on of cu Phrases Phrases d Dispose ction 7 f ealth toms: Sections:	tance or Mixture: None Irrently available data this substance or mixture is res: sal Phrases: for Storage and Section 13 for Disposal information Material may be irritating to the mucous membrar May be harmful by inhalation, ingestion, or skin al May cause eye, skin, or respiratory system irritation To the best of our knowledge, the toxicological prion ion 3. Composition/Information (conents (Chemical Name)/ ion No.	not classifiable ac n. nes and upper res bsorption. ion. roperties have not on Ingredie EC No./	spiratory tract. t been thoroughly investiga nts		

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SAFETY DATA SHEET **Cellular Retinol Binding Protein 7 Polyclonal** ly

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Revision: 06/10/2015

Antibod

	Section 4. First Aid Measures					
4.1	1 Description of First Aid					
	Measure	es:				
	In Case	of Inhalation:	Remove to fresh air. If Get immediate medica	^r not breathing, give artificial re al attention.	spiration or give oxygen by	trained personnel.
	In Case	of Skin Contact:	-	n with soap and plenty of wate attention if symptoms occur. W		move contaminated
	In Case	of Eye Contact:	U U	I flush eyes with plenty of wate	U	ve eyes examined
	In Case	of Ingestion:		water provided person is conse Get medical attention. Do NOT		-
			Section 5.	Fire Fighting Meas	ures	
5.1	Suitable	Extinguishing	Use alcohol-resistant	foam, carbon dioxide, water, o	r dry chemical spray.	
	Media:		Use water spray to co	ol fire-exposed containers.		
	Unsuita Media:	ble Extinguishing	A solid water stream r	nay be inefficient.		
5.2	Flammable Properties andNo data available. Hazards:					
			No data available.			
	Flash P	:	No data.			
	Explosi	ve Limits:	LEL: No data.	UEL: No data.		
	Autoign	ition Pt:	No data.			
5.3	Fire Fig	hting Instructions	-	elf-contained breathing appara rotective gear to prevent conta		H approved or
			Section 6. Acc	cidental Release Me	easures	
6.1	Protecti	ve Precautions, ve Equipment and ncy Procedures:	d As conditions warran	athing dust, and provide adeq t, wear a NIOSH approved sel onal protection (rubber boots, s	f-contained breathing appara	
6.2	Environ Precaut		Take steps to avoid r	elease into the environment, if	safe to do so.	
6.3			r Contain spill and colle ngTransfer to a chemica	ect, as appropriate. al waste container for disposal	in accordance with local rec	julations.
			Section 7.	Handling and Stor	age	
7.1	Precaut	ions To Be Taken	Avoid breathing dust/f	ume/gas/mist/vapours/spray.		
	in Handling: Avoid prolonged or repeated exposure.					
7.2	Precautions To Be Taken Keep container tightly closed.					
	in Storing: Store in accordance with information listed on the product insert.					
			tion 8. Exposu	re Controls/Persona	al Protection	
8.1	Exposur	e Parameters:				
CAS	#	Partial Chemical	Name	Britain EH40	France VL	Europe
	NA	Cellular Retinol Bi	inding Protein 7	No data.	No data.	No data.



Revision: 06/10/2015

	1151	1		Antibody	1				
		Polyclonal Antibo	dy						
CAS #		Partial Chemical Name		OSHA TWA	ACGIH TWA	Other Limits			
	NA	Cellular Retinol B	-	No data.	No data.	No data.			
		Polyclonal Antibo	dy						
8.2	-	re Controls:							
8.2.1	-	ering Controls	-		lation, or other engineering co	ontrols to control airborr			
	-	tion etc.):		ended exposure limits.					
3.2.2		al protection equi							
	-	tection:	Safety glasses						
		ive Gloves:	Compatible chemical	-resistant gloves					
		rotective Clothing	-						
	-	Respiratory Equipment NIOSH approved respirator, as conditions warrant.							
	(Specify								
			n Do not take internally						
	ce Prac	tices:	•	•	ould be equipped with an eyew	vash and a safety showe			
			Wash thoroughly afte	er handling.					
			No data available.						
		S	ection 9. Phys	ical and Chem	ical Properties				
9.1	Informat		sical and Chemical Pr		•				
		I States:] Liquid [X] Solid					
	-	ance and Odor:	Peptide affinit						
	Melting		No data.						
	Boiling		No data.						
	Flash P		No data.						
	Evapora	ation Rate:	No data.						
	Flamma	bility (solid, gas)	No data availa	able.					
		ve Limits:	LEL: No data	l.	UEL: No data.				
	Vapor P	Pressure (vs. Air o	or mm No data.						
	Hg):								
		Density (vs. Air = ⁻	I): No data.						
	Specific	c Gravity (Water =	1): No data.						
	•	ty in Water:	, No data.						
		nition Pt:	No data.						
9.2	-	formation	ito dala.						
5. Z		Volatile:	No data.						
	Percent	volatile.							
			Section 10.	. Stability and F	Reactivity				
10.1	Reactiv	ity:	No data available.						
10.2	Stability	/ :	Unstable [] Stal	ble [X]					
10.3	Stability	/ Note(s):	Stable if stored in acc	cordance with information	on listed on the product inser	t.			
	Polyme	rization:	Will occur [] Wi	ll not occur [X]					
10.4	Conditio	ons To Avoid:	No data available.						
10.5	Incompatibility - Materials No data available.								
	To Avoi	-							
10.6	Hazardo		No data available.						
		position or							
						Multi-region form			



Revision: 06/10/2015

Byproducts:

			Section 11. Toxico	-			
1.1	Informat Toxicolo	tion on ogical Effects:	The toxicological effects of this	product have not b	een thoroughly st	udied.	
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
	NA	Cellular Retinol B	inding Protein 7 Polyclonal Anti	body n.a.	n.a.	n.a.	n.a.
		•	Section 12. Ecol	ogical Inform	ation	+	ł
12.1	Toxicity	:	Avoid release into the environr	nent.			
			Runoff from fire control or dilut	ion water may cause	e pollution.		
12.2	Persiste	nce and	No data available.				
	Degrada	-					
12.3		mulative	No data available.				
	Potentia						
12.4	Mobility		No data available.				
12.5			No data available.				
	assessn		NI 17 111				
12.6	Other ac	lverse effects:	No data available.				
			Section 13. Dispo	sal Consider	ations		
13.1	Waste D	isposal Method:	Dispose in accordance with loo	al, state, and federa	al regulations.		
			Section 14. Trar	nsport Inform	ation		
14.1	LAND T	RANSPORT (US I	DOT):				
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	ppean ADR/RID):				
Α	DR/RID S	hipping Name:	Not dangerous goods.				
U	N Numbe	r:					
Н	azard Cla	SS:					
14.3	AIR TRA	ANSPORT (ICAO/I	ATA):				
IC	CAO/IATA	Shipping Name:	Not dangerous goods.				
Addit	tional Tran	nsport	Transport in accordance with I	ocal, state, and fede	eral regulations.		
Infor	mation:						
			Section 15. Regu	latory Inform	ation		
EPA	SARA (Su	perfund Amendm	ents and Reauthorization Act	of 1986) Lists			
CAS	#		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 31	3 (TRI)
	NA	Cellular Retinol B Antibody	inding Protein 7 Polyclonal	No	No	No	
CAS	#	Hazardous Com	ponents (Chemical Name)	Other US EPA o	or State Lists		
	NA	Cellular Retinol Binding Protein 7 Polyclonal Antibody		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			

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Revision: 06/10/2015

Regulatory Information Statement:	This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.				
Section 16. Other Information					
Revision Date:	06/10/2015				
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.				