

Multi-region format

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Aquatic Toxicity (Chronic), Category 4 2.2 Label Elements: 2.3 Label Elements: 2.4 Constrained of the constraint		accord Section 1	Identification of the Substan	nce/Mixture and of	f the Company/L	Indertaking
Product Name: Adapalane-d3 Synonyms: 6-(3-((3R, SR, 7R)-adamantan-1-y0-4-(methoxy-d3)pheny()-2-naphthoic acid: 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: Company Name: Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymancham.com Information: Cayman Chemical Company +11 (73)/971-3335 Emergency telephone number: Emergency telephone number: CHEMTREC Outside USA and Canada: +1 (700)/927-3887 2. CheMTREC Outside USA and Canada: +1 (700)/927-3887 2. Classification of the Substance or Mixture: Aquatic Toxicity (Chronic), Category 4 2. Label Elements: None GHS Signal Word: None GHS Signal Word: None None GHS Signal Word: None GHS Signal Word: None GHS Signal Word: None GHS Signal Word: None GHS Signal Word: None GHS Signal Phrases: P273: Avoid release to the enviconment. GHS Seropese Phrases:	4				i ine company/o	indentaking
Synonyms: 6-(3-((3R,5R,7R)-adamantan-1-yl)-4-(methoxy-d3)phenyl)-2-naphthoic acid; 2. Relevant identified uses: For research use only, not for human or veterinary use. 3.0 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 +1 (734)971-3335 4. Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 5. Section 2. Hazardos Identification 1.1 Classification of the Substance or Mixture: Aquatic Toxicity (Chronic), Category 4 . 2.1 Label Elements: . Official Signal Word: None GHS Signal Word: None GHS Response Phrases: P273: Avoid release to the environment. GHS Precaution Phrases: P273: Avoid release to the environment. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. Matrial may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptom:	. 1					
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1276433-89-6 Adapalene-d3 100.0 % NA Aquatic (C) 4: H413	2.2	GHS Signal Word: GHS Hazard Phrases: H413: May cause long la GHS Precaution Phrase P273: Avoid release to th GHS Response Phrase No phrases apply. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health Effects and Symptoms:	sting harmful effects to aquations: the environment. s: osal Phrases: for Storage and Section 13 fo Material may be irritating to May be harmful by inhalation May cause eye, skin, or resp May cause long lasting harm To the best of our knowledg	r Disposal information the mucous membra n, ingestion, or skin piratory system irrita nful effects to aquati e, the toxicological p	anes and upper rea absorption. tion. c life. properties have no	t been thoroughly investigate
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	2.3 CAS	GHS Signal Word: GHS Hazard Phrases: H413: May cause long la GHS Precaution Phrase P273: Avoid release to th GHS Response Phrase No phrases apply. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health Effects and Symptoms: Sec # / Hazardous Com REACH Registra	sting harmful effects to aquations: the environment. (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	r Disposal information the mucous membra n, ingestion, or skin piratory system irrita nful effects to aquati e, the toxicological p n/Information Concentration	anes and upper rea absorption. tion. c life. properties have no ON Ingredie EC No./ EC Index No.	ents
	2.3 CAS RTE	GHS Signal Word: GHS Hazard Phrases: H413: May cause long la GHS Precaution Phrase P273: Avoid release to th GHS Response Phrase No phrases apply. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health Effects and Symptoms: Sec # / Hazardous Com REACH Registra	sting harmful effects to aquations: the environment. (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	r Disposal information the mucous membra n, ingestion, or skin piratory system irrita nful effects to aquati e, the toxicological p n/Information Concentration	anes and upper re- absorption. tion. c life. properties have no On Ingredie EC No./ EC Index No. NA	ents



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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.					
	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.					
		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 A solid water stream may be inefficient.					
5.2	Flammable Properties ar 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 Instruction	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 breathing vapors 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 Cleanin	Containment and Cleaning Transfer 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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8.2 8.2.1							
821	Exposure Controls:						
0.2.1	Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborn					
(Ventilation etc.): levels below recommended exposure limits.							
8.2.2							
	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	Do not take internally.					
	ce Practices:	Facilities storing or utilizing this material should be equipped with an eyewash and a safety showe					
		Wash thoroughly after handling.					
	I	No data available.					
	Se	ection 9. Physical and Chemical Properties					
9.1		cal 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	mm No data.					
	Hg):						
	Vapor Density (vs. Air = 1):	No data.					
	Specific Gravity (Water = 1): No data.					
	Solubility in Water:	No data.					
	Solubility Notes:	~5 mg/ml in DMSO & DMF;					
	Octanol/Water Partition	No data.					
	Coefficient:						
	Autoignition Pt:	No data.					
	Decomposition Temperatu	re: No data.					
	Viscosity:	No data.					
	•						
9.2	Other Information						
9.2	-	No data.					



Multi-region format

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			Section 10. Stability and	l Reacti	vity		
10.1	1 Reactivity: No data available.						
10.2	Stability: Unstable [] Stable [X]						
10.3	Stability	Note(s):	Stable if stored in accordance with informa	ation listed	on the product	insert.	
	Polymer	ization:	Will occur [] Will not occur [X]				
10.4	Conditio	ns To Avoid:	No data available.				
10.5	Incompa	tibility - Materials	s strong oxidizing agents				
	To Avoid	1:	strong reducing agents				
10.6	Hazardo	us	carbon dioxide				
	Decomp	osition or	carbon monoxide				
	Byprodu	icts:					
			Section 11. Toxicological	Informa	ation		
11.1	Informat	ion on	The toxicological effects of this product ha	ave not beel	n thoroughly st	udied.	
	Toxicolo	gical Effects:					
Carcin	nogenicity	/:	NTP? No IARC Monographs? No	OSHA R	egulated? No		
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
12764	133-89-6	Adapalene-d3		n.a.	n.a.	n.a.	n.a.
		·	Section 12. Ecological li	nformat	ion		-
12.1	Toxicity	:	Avoid release into the environment.				
			Runoff from fire control or dilution water m	nay cause p	ollution.		
12.2	Persiste	nce and	No data available.				
	Degrada	bility:					
12.3	Bioaccu	mulative	No data available.				
	Potentia	I:					
12.4	Mobility	in Soil:	No data available.				
12.5	Results	of PBT and vPvB	No data available.				
	assessm	nent:					
12.6	Other ad	verse effects:	No data available.				
			Section 13. Disposal Cor	nsiderat	ions		
13.1	·						
	Section 14. Transport Information						
14.1	LAND T	RANSPORT (US I	DOT):				
D	DOT Proper Shipping Name: Not dangerous goods.						
	OT Hazar						
U	N/NA Nun	nber:					
14.1	LAND T	RANSPORT (Euro	opean ADR/RID):				
A	ADR/RID Shipping Name: Not dangerous goods.						
U	N Numbe	:					
н	azard Cla	SS:					

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0
Calman
Caynan

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name:

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

Not dangerous goods.

Information:

Additional Transport

Section 15. Regulatory Information

CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
1276433-89-6	Adapalene-d3		No	No	No	
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or S	tate Lists	•	
1276433-89-6	Adapalene-d3		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; 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. Oth	er Information	า		
Revision Date:		08/25/2018				
Additional Info	rmation About	No data available.				
This Product:						
Company Policy or Disclaimer:		DISCLAIMER: This information currently available to us. Howev express or implied, with respect use. Users should make their or their particular purposes.	er, we make no warra to such information, a	anty of merchantabilit and we assume no lia	y or any other warranty, ability resulting from its	