

Revision: 04/28/2018 Supersedes Revision: 06/05/2014

	ac	cording to Regulation (EC) No. 190	7/2006 as amended b	y (EC) No. 1272/200	08
		Identification of the Substar			
.1	Product Code:	15119			5
	Product Name:	Psoralidin			
	Synonyms:	3,9-dihydroxy-2-(3-methy	/l-2-buten-1-yl)-6H-b	enzofuro[3,2-c][1]benzopyran-6-one;
.2	Relevant identified uses	of the substance or mixture a	and uses advised a	gainst:	
	Relevant identified use	s: For research use only, no	ot for human or vete	rinary 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			
	Web site address:	www.caymanchem.com		4 (70	1)074 0005
	Information:	Cayman Chemical Comp	bany	+1 (73	4)971-3335
.4	Emergency telephone nu				
	Emergency Contact:	CHEMTREC Within USA			00)424-9300
		CHEMTREC Outside US		•)3)527-3887
		Section 2. Ha	zards Identifi	cation	
.1	Classification of the Sub	stance or Mixture:			
	Acute Toxicity: Oral, Ca	ategory 4			
.2	Label Elements:				
	GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase	es:			
	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho	red. es: roughly after handling.			
	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase	red. es: roughly after handling. s:	or doctor/obveicion	if you feel unwell	
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	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase P301+312: IF SWALLOW P330: Rinse mouth.	red. es: roughly after handling. s: VED: Call a POISON CENTER	or doctor/physician	if you feel unwell.	
	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase P301+312: IF SWALLOW P330: Rinse mouth. GHS Storage and Dispe	ved. es: roughly after handling. s: VED: Call a POISON CENTER osal Phrases:			·
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2.3	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase P301+312: IF SWALLOW P330: Rinse mouth. GHS Storage and Dispe Please refer to Section 7	red. es: roughly after handling. s: VED: Call a POISON CENTER osal Phrases: for Storage and Section 13 for Harmful if swallowed. Material may be irritating to t May be harmful by inhalation May cause eye, skin, or resp	Disposal informatio he mucous membra or skin absorption. iratory irritation.	n. nes and upper res	spiratory tract.
2.3	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase P301+312: IF SWALLOW P330: Rinse mouth. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health Effects and Symptoms:	red. es: roughly after handling. s: WED: Call a POISON CENTER osal Phrases: for Storage and Section 13 for Harmful if swallowed. Material may be irritating to t May be harmful by inhalation May cause eye, skin, or resp To the best of our knowledge	Disposal informatio he mucous membra or skin absorption. iratory irritation. e, the toxicological p	n. nes and upper rea roperties have no	spiratory tract. t been thoroughly investigated
CAS	GHS Hazard Phrases: H302: Harmful if swallow GHS Precaution Phrase P264: Wash {hands} tho GHS Response Phrase P301+312: IF SWALLOW P330: Rinse mouth. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health Effects and Symptoms: Sec	red. roughly after handling. s: VED: Call a POISON CENTER osal Phrases: for Storage and Section 13 for Harmful if swallowed. Material may be irritating to t May be harmful by inhalation May cause eye, skin, or resp To the best of our knowledge tion 3. Composition ponents (Chemical Name)/	Disposal informatio he mucous membra or skin absorption. iratory irritation. e, the toxicological p	n. nes and upper rea roperties have no	spiratory tract. t been thoroughly investigated

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.			
	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 solid water stream may be inefficient.			
5.2	Flammable Properties an	dNo data available.			
	Hazards:				
		No data available.			
	Flash Pt:	No data.			
	Explosive Limits:	LEL: No data. UEL: No data.			
	Autoignition Pt:	No data.			
5.3	Fire Fighting Instructions	: 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	Take steps to avoid release into the environment, if safe to do so.			
	Precautions:				
6.3	Methods and Material For Contain spill and collect, as appropriate. Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local regulations.				
	Up:	ng mansier to a chemical waste container for disposar in accordance with local regulations.			
	ор.				
		Section 7. Handling and Storage			
7.1		Avoid breathing dust/fume/gas/mist/vapours/spray.			
	in Handling:	Avoid prolonged or repeated exposure.			
7.2		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:				

Multi-region format



(Ventilation etc.): levels below recommended exposure limits. 8.2.2 Personal protection equipment: Eye Protection: Safety glasses Protective Gloves: Compatible chemical-resistant gloves Other Protective Clothing:Lab coat Respiratory Equipment Respiratory Equipment NIOSH approved respirator, as conditions warrant. (Specify Type): Work/Hygienic/Maintenan								
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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 show Wash thoroughly after handling. No data available. Section 9. Physical and Chemical Properties Physical States: []Gas []Information on Basic Physical and Chemical Properties Physical States: []Gas []Isah Pi: No data. Boiling Point: No data. Flash Pi: No data. Evaporation Rate: No data. Flash Pi: No data. Evaporation Rate: No data. Uspor Density (vs. Air or mm No data. Hg): Vapor Pressure (vs. Air or mm Hg): No data. Solubility Notes: -0.33 mg/ml in a 1:2 solution of DMSO:PBS (pH 7.2); -14 mg/ml in DMSO & DMF; Octaen/OWater Paritition No data. Solubility Notes: -0.33 mg/m		(Ventilation etc.):	levels below recommended exposure limits.					
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Autoignition Pt: No data. Decomposition Temperature: No data. Viscosity: No data. 9.2 Other Information Percent Volatile: No data.		Octanol/Water Partition	No data.					
Decomposition Temperature: No data. Viscosity: No data. 9.2 Other Information Percent Volatile: No data.		Coefficient:						
Viscosity: No data. 9.2 Other Information Percent Volatile: No data.		Autoignition Pt:	No data.					
9.2 Other Information Percent Volatile: No data.		Decomposition Temperatu	re: No data.					
Percent Volatile: No data.		Viscosity:	No data.					
	9.2	Other Information						
Molecular Formula & Weight: C20H16O5 336.3		Percent Volatile:	No data.					
		Molecular Formula & Weig	ht: C20H16O5 336.3					

Multi-region format



Multi-region format

Revision: 04/28/2018 Supersedes Revision: 06/05/2014

ay					S	upersedes Revis	ion: 06/05/201	
			Section 10. Stability a	and Reactiv	vity			
10.1	Reactivi	ty:	No data available.					
10.2	Stability	:	Unstable [] Stable [X]					
10.3	Stability	Note(s):	Stable if stored in accordance with in	formation listed o	on the product	insert.		
Polymerization:			Will occur [] Will not occur [X]					
10.4	Conditio	ns To Avoid:	No data available.					
10.5	Incompa To Avoid	-	strong oxidizing agents					
10.6	Hazardo	us	carbon dioxide					
	Decomp	osition or	carbon monoxide					
	Byprodu	icts:						
			Section 11. Toxicologi	cal Informa	ation			
11.1	Informat	ion on	The toxicological effects of this produ	ict have not been	thoroughly st	udied.		
	Toxicolo	gical Effects:						
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
1864	42-23-4	Psoralidin		n.a.	n.a.	n.a.	n.a.	
			Section 12. Ecologic	al Informati	ion			
12.1	Toxicity	:	Avoid release into the environment.					
			Runoff from fire control or dilution wa	ter may cause po	ollution.			
12.2	Persiste	nce and	No data available.					
	Degrada	bility:						
12.3	Bioaccu Potentia		No data available.					
12.4	Mobility	in Soil:	No data available.					
12.5		Results of PBT and vPvB No data available. assessment:						
12.6	Other ad	lverse effects:	No data available.					
			Section 13. Disposal	Considerati	ons			
13.1	Waste D	isposal Method:	Dispose in accordance with local, sta	ite, and federal re	egulations.			
			Section 14. Transpo	ort Informati	ion			
14.1	LAND T	RANSPORT (US I	DOT):					
		r Shipping Name:	Not dangerous goods.					
	OT Hazar							
-	N/NA Nun							
14.1		RANSPORT (Euro	Not dangerous goods.					
U	N Numbe		Not dangerous goods.					
н	lazard Cla	55:						
						-		

Саитап
CHEMICAL

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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)	
18642-23-4 Psoralidin			No	No	No	
CAS # Hazardous Com		ponents (Chemical Name)	ne) Other US EPA or State Lists			
18642-23-4	23-4 Psoralidin		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Information Statement:		This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.				
		Section 16. Oth	ner Informatio	n		
Revision Date:		04/28/2018				
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.				