

Revision: 02/08/2015 Supersedes Revision: 10/11/2011

Product Name: AS-252424 Synonyms: 5-[5-(4-fluoro-2-hydroxy-phenyl)-furan-2-ylmethylene]-thiazolidine-2,4-dione; Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses: Relevant identified uses: For research use only, not for human or veterinary use. Details of the Supplier of the Safety Data Sheet: Sompany Name: Company Name: Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: CHEMTREC Within USA and Canada: +1 (734)971-3335 Emergency Contact: CHEMTREC Outside USA and Canada: +1 (703)527-3887 Classification of the Substance or Mixture: 11 Classification according to Regulation (EC) No 1272/2008 [CLP]: Accute Toxicity: Oral, Category 2 Skin Corrosion/Irritation, Category 1 Skin Corrosion/Irritation, Category 2 Specific Target Organ Toxicity (repeated exposure), Cate	.ay			Supersedes Revision: 10/11/2011
1 Product Code: 10009052 Product Name: AS-252424 Synonyms: S-15-(4-fluoro-2-lydroxy-phenyl)-furan-2-ylmethylane]-thiazolidine-2,4-dione; 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: Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI. 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company 4 (734)971-3335 4 Emergency telephone number: Emergency telephone number: ewww.caymanchem.com Emergency telephone number: CHEMTREC Outside USA and Canada: +1 (703)927-3887 1 Classification of the Substance or Mixture: 1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Cril, Category 2 3 Specific Target Organ Toxicity (repeated exposure), Category 1 2 2 Label Elements: 2 Label Benents: 2.1 Label Ing according to Regulation (EC) No 1272/2008 [CLP]: GHS Hazard		acc	ording to Regulation (EC) No. 1907/2006 as amended by	(EC) No. 1272/2008
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Company Name: Cayman Chemical Company 1180 E. Elleworth Rd. An Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 4 Emergency Lelephone number: Emergency Contact: +1 (703)627-3887 5 Chemical Company +1 (703)627-3887 6 Emergency Contact: +1 (703)627-3887 7 Classification of the Substance or Mixture: 1 1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Oral, Category 2 Serio Erve Damage/Eye Irritation, Category 1 Serio Crossion/firritation, Category 1 2 Label Elements: 2 21 Label Isogenetic: Danger CHS Signal Work: Danger H300: Fatal if swallowed. H315: Causes sein irritation. H315: Causes sein irritation. H316: Causes sein irritation. H316: Suspected of damaging fertility or the unborn child. H372: Causes damage to organs through prolonged or repeated exposure. CHS Preceution Phrases: M316: Suspected of damaging fertility or the unborn child. H317: Causes damage to organs through prolonged or repeated exposure. CHS Precaution Phrase	1.2			
1180 E. Ellsworth Rd. An Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 Emergency telephone number: Emergency telephone number: Emergency telephone number: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 1 Classification of the Substance or Mixture: 11 Classification according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Oral, Category 2 Specific Target Organ Toxicity (repeated exposure), Category 1 2 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Oral, Category 2 Specific Target Organ Toxicity (repeated exposure), Category 1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Main: Signal Word: Danger GHS Signal Word: Barger H300: Fatal if swallowed. H301: Suspected of damaging fertility or the unborn child. H302: Causes skin irritation. H301: S	1.3	Details of the Supplier of	the Safety Data Sheet:	
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With a stream of the stream	2.2	Label Elements:		
GHS Hazard Phrases: H300: Fatal if swallowed. H315: Causes skin irritation. H318: Causes serious eye damage. H361: Suspected of damaging fertility or the unborn child. H372: Causes damage to organs through prolonged or repeated exposure. GHS Precaution Phrases: P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe {dust/fume/gas/mist/vapors/spray}. P264: Wash {hands} thoroughly after handling. P280: Wear {protective gloves/protective clothing/eye protection/face protection}. GHS Response Phrases:	2.2.1	Labeling according to Re	gulation (EC) No 1272/2008 [CLP]:	
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		P301+310: IF SWALLOW	ED: Immediately call a POISON CENTER or doctor	r/physician.

Multi-region format



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2.3 A	P305+ to do. (P308+ P310: P314: P330: P332+ P362+ GHS S Please Adverse	351+338: IF IN EY Continue rinsing. 313: IF exposed or Immediately call a Get medical attenti Rinse mouth. 313: If skin irritation 364: Take off conta Storage and Dispo e refer to Section 7 a Human Health and Symptoms:	for Storage and Section 13 for Causes damage to organs th Causes serious eye damage Causes skin irritation. Contains a pharmaceutically Fatal if swallowed. Material may be irritating to t May be harmful by inhalation May cause respiratory syster Suspected of damaging fertil	er for several minutes tion/advice. hysician. ttention. before reuse. Disposal information arough prolonged or in active ingredient; Su he mucous membrar or skin absorption. m irritation. ity or the unborn chille, the toxicological pr	n. repeated exposur ibstance not fully nes and upper res d. operties have not	re. tested, handle with care. spiratory tract.	
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		Sect	May cause respiratory system Suspected of damaging fertil To the best of our knowledge	m irritation. ity or the unborn chil e, the toxicological pr	operties have not		
		Sect	Suspected of damaging fertil To the best of our knowledge	ity or the unborn chil e, the toxicological pr	operties have not		
		Sect	To the best of our knowledge	e, the toxicological pr	operties have not		
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		Sect	tion 3 Composition	/Information of	on Inaredie	nte	
						1115	
CAS # / RTECS		Hazardous Comp REACH Registrat	oonents (Chemical Name)/ tion No.	Concentration	EC No./ EC Index No.	GHS Classification	
900515-1	-16-4	AS-252424		100.0 %	NA	Acute Tox.(O) 2: H300	
NA					NA	Skin Corr. 2: H315	
						Eye Damage 1: H318	
						Toxic Repro. 2: H361	
						STOT (RE) 1: H372	
	•			•	•		
			Section 4. Fi	rst Aid Measu	ires		
I.1 D	Descrip	tion of First Aid	No data available.				
	Measur						
		of Inhalation:	Remove to fresh air. If not br	eathing give artificia	respiration or ai	e ovugen by trained personnel	
	n case		Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.				
_							
Ir	-			soap and plenty of water for at least 15 minutes. Remove contaminated			
	clothing. Get medical attenti			on if symptoms occur. Wash clothing before reuse			
Ir	n 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.				
Ir	n Case	of Ingestion:	Wash out mouth with water provided person is conscious. Never give anything by mouth to an				
	5455		unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.				



Revision: 02/08/2015 Supersedes Revision: 10/11/2011

	HEMICAL				Superse	des Revision: 10/11/2011		
			Section 5.	Fire Fighting I	Measures			
5.1	Suitable	e Extinguishing	Use alcohol-resistant	foam, carbon dioxide,	water, or dry chemical spray.			
	Media:		Use water spray to co	ool fire-exposed contair	ners.			
	Unsuita	ble Extinguishing	A solid water stream	may be inefficient.				
	Media:							
.2	Flamma	ble Properties and	d No data available.					
	Hazards	:						
	Flash P	t:	No data.					
	Explosi	ve Limits:	LEL: No data.	UEL: N	No data.			
	Autoign	ition Pt:	No data.					
			-	any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or valent), and full protective gear to prevent contact with skin and eyes.				
			Section 6. Ac	cidental Releas	se Measures			
.1		ve Precautions,	-	-	de adequate ventilation.			
	Protecti	ve Equipment and			oved self-contained breathing			
	Emerge	ncy Procedures:	and appropriate pers	onal protection (rubber	boots, safety goggles, and h	eavy rubber gloves).		
.2	Environ	mental	Take steps to avoid r	elease into the environ	ment, if safe to do so.			
	Precaut	ions:						
5.3			Contain spill and coll					
		Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local regulations.						
	Up:							
			Section 7.	Handling and	Storage			
7.1	Precaut	ions To Be Taken	Avoid breathing dust/	fume/gas/mist/vapours	/spray.			
	in Hand	ling:	Avoid prolonged or re	peated exposure.				
7.2	Precaut	ions To Be Taken	Keep container tightly	closed.				
	in Stori	ng:	Store in accordance v	with information listed o	on the product insert			
	Other P	recautions:	Light sensitive.					
		Sect	ion 8. Exposu	re Controls/Pe	rsonal Protection			
3.1	Exposur	e Parameters:						
CAS	#	Partial Chemical	Name	Britain EH40	France VL	Europe		
9005	515-16-4	AS-252424		No data.	No data.	No data.		
CAS	#	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits		
9005	515-16-4	AS-252424		No data.	No data.	No data.		
3.2								
3.2.1	•				ontrols to control airborr			
			levels below recommended exposure limits.					
.2.2	Personal protection equipment:							
			Safety glasses					
	Protective Gloves: Compatible chemica		resistant gloves					
	Other Protective Clothing:Lab coat			U				
		tory Equipment		pirator, as conditions w	arrant.			
	(Specify							
	Work/Hygienic/Maintenan Do not take internally.							
			····· ·					
						Multi-region for		



(AS-252424			
Cay	man	Revision: 02/08/2015 Supersedes Revision: 10/11/2011			
	ce Practices:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety			
		shower.			
		Wash thoroughly after handling.			
		No data available.			
		Section 9. Physical and Chemical Properties			
9.1		ysical and Chemical Properties			
	Physical States:	[]Gas []Liquid [X]Solid			
	Appearance and Odor:	A crystalline solid			
	Melting Point:	No data.			
	Boiling Point:	No data.			
	Flash Pt:	No data.			
	Evaporation Rate:	No data.			
	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:	~0.5 mg/ml in 1:1 DMSO:PBS (pH 7.2); ~10 mg/ml in EtOH~; 20 mg/ml in DMF & DMSO;			
	Autoignition Pt:	No data.			
9.2	Other Information				
5.2	Percent Volatile:	No data.			
	Molecular Formula & We				
		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:				
10.5	Incompatibility - Materials strong oxidizing agents				
	To Avoid:				
10.6	Hazardous	carbon dioxide			
	Decomposition Or	carbon monoxide			
	Byproducts:	hydrogen fluoride			
		nitrogen oxides			
		sulfur oxides			

Multi-region format



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	Section 11. Toxicological Information						
11.1	1.1 Information on The toxicological effects of this product have not been thoroughly studied.						
	Toxicological Effects:						
CAS #	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
9005	15-16-4	AS-252424		n.a.	n.a.	n.a.	n.a.
			Section 12. Ecolo	ogical Information	ation		
12.1	Toxicity	:	Avoid release into the environm	ent.			
	Runoff from fire control or dilution water may cause pollution.						
12.2 Persistence and No da			No data available.				
	Degrada						
12.3	-	mulative	No data available.				
_	Potentia	l:					
12.4	Mobility	in Soil:	No data available.				
12.5	Results	of PBT and vPvB	No data available.				
	assessn	nent:					
12.6	Other ac	lverse effects:	No data available.				
			Section 13. Dispos	sal Considera	ations		
13.1	Waste D	isposal Method:	Dispose in accordance with loca	al, state, and federa	l regulations.		
			Section 14. Tran	sport Informa	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 Nur	nber:					
14.1	LAND T	RANSPORT (Euro	opean ADR/RID):				
		hipping Name:	Not dangerous goods.				
	UN Number:						
	Hazard Class:						
	14.3 AIR TRANSPORT (ICAO/IATA):						
	ICAO/IATA Shipping Name: Not dangerous goods.						
Additional Transport Transport in accordance with local, state, and federal regulations. Information: Transport in accordance with local, state, and federal regulations.							
Section 15. Regulatory Information							
EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists							
CAS #	¥	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313	3 (TRI)
9005	15-16-4	AS-252424		No	No	No	
CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists							
9005	900515-16-4 AS-252424 CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No				: No; CA		



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Regulatory Information	This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC)				
Statement:	No.1272/2008.				
	Section 16. Other Information				
Revision Date:	02/08/2015				
Additional Information About	No data available.				
This Product:					
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.				