

Revision: 02/20/2015 Supersedes Revision: 04/06/2009

Product Name:       trans-trismethoxy Resveratrol         Synonyms:       1,3-dimethoxy-5-[(1E)-2-(4-methoxyphenyl)ethenyl]-benzene; (E)-5-[2-(4-hydroxyphenyl)ethenyl]-1,3-benzene diol;         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.         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 1180 E. Ellsworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 11 (Cassification according to Regulation (EC) No 1272/2008 [CLP]:         Skin Corrosion/Irritation, Category 1       Section 2. Hazards Identification         11       Classification according to Regulation (EC) No 1272/2008 [CLP]:         Skin Corrosion/Irritation, Category 1       Serious Eye Damage/Eye Irritation, Category 1         Aquatic Toxicity (	-	CHEMICAL		Supersedes Revision: 04/06/200				
Product Code:       10188         Product Name:       trans-tismethoxy Resverated         Synonyms:       1.3-dimethoxy-5f(1E)-2(-4-methoxy)henyl)ehenyl)ehenyl-benzene;         (E)-512(-4-Methoxy-bf-(y)ophenyl)ethenyl)-1.3-benzene doi;         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.         Details of the Supplier of the Safety Data Sheet:         Company Name:       Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, Mt 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E. Elisworth Rd. Ann Arbor, Mt 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E. Elisworth Rd.         More Dephone number:       Emergency telephone number:         Emergency telephone number:       Entragency telephone number:         Immegency Contact:       CHEMTREC Outside USA and Canada:       +1 (800)424-9300 CHEMTREC Outside USA and Canada:         1       Classification of the Substance or Mixture:       1.         1.1       Classification according to Regulation (EC) No 1272/2008 [CLP]:         Skin Corrosion/frictitin, Category 1       Aquatic Toxicity (Acute), Category 1         Aquatic Toxicity (Acute), Category 1       Aquatic Toxicit		accor	ding to Regulation (EC) No. 1907/2006 as amended by	(EC) No. 1272/2008				
Product Name:       trans-trismethoxy Resveratrol         Synoryms:       1.3-dimethoxy-5-[[1]-2-(4-methoxyblentyl]-benzene diol;         [2]:-52-[4-4/vdoxybpentylythentyl]-benzene diol;       [2]:-52-[4-4/vdoxybpentylythentyl]-benzene diol;         [3]       Relevant identified uses:       For research use only, not for human or veterimary use.         [3]       Details of the Supplier of the Safety Data Sheet:         Company Name:       Cayman Chemical Company		Section 1. Id	entification of the Substance/Mixture and of the	ne Company/Undertaking				
<ul> <li>Synoryms: 1.3-dimethoxy-5/(1E)-2(4-methoxypheny)/etheny/)-benzene: (C:-5/2(4-hydroxypheny)/etheny/)-benzene diol;</li> <li>Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses of the substance or mixture and uses advised against:</li> <li>Relevant identified uses of the Safety Data Sheet:</li> <li>Company Name: Cayman Chemical Company</li> <li>Litato E, Elsworth Rd: Ann Arbor, MI 48108</li> <li>Web site address: Www.caymanchem.com</li> <li>Information: Cayman Chemical Company +1 (734)971-3335</li> <li>Emergency telephone number:</li> <li>Energency telephone number:</li> <li>Energency Contact: CHEMTREC Within USA and Canada: +1 (703)527-3887</li> <li>Section 2. Hazards Identification</li> <li>1 Classification of the Substance or Mixture:</li> <li>1 Classification according to Regulation (EC) No 1272/2008 [CLP]:</li> <li>Skin Corrosion/Irritation, Category 1</li> <li>Aquatic Toxichy (Chronic), Category 1</li> <li>Aquatic Toxichy (Chronic), Category 1</li> <li>Label Elements:</li> <li>21 Label Elements:</li> <li>21 Label Signal Word: Danger</li> <li>Offs Signal Word: Danger</li> <li>Offs Signal Word: Danger</li> <li>Mithia Causes scincing in Regulation (EC) No 1272/2008 [CLP]:</li> <li>Skin Corrosion/Irritation, Category 1</li> <li>Aquatic Toxichy (Chronic), Category 1</li> <li>Label Elements:</li> <li>21 Label Elements:</li> <li>21 Label Elements:</li> <li>22 Label Elements:</li> <li>23 Label Elements:</li> <li>24 Label Elements:</li> <li>25 Label Elements:</li> <li>26 HS Signal Word: Danger</li> <li>Mithia Causes scincing in Regulation (EC) No 1272/2008 [CLP]:</li> <li>Mithia Causes scincing on Regulation (EC) No 1272/2008 [CLP]:</li> <li>Mithia Causes scincing in Regulation (EC) No 1272/2008 [CLP]:</li> <li>Mithia Causes scincing and the file in the ong lasting effects.</li> <li>Mithia Causes scincing and the information.</li> <li>Mithia Causes scincing and the information.</li> <li>Mithia Causes scincing and the information.</li> <li>Mithia Causes sci</li></ul>	1	Product Code:	10188					
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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. Elisworth Rd.       Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company.         If Emergency telephone number:       11 (200)/224-9300         Chemistree Contact:       CHEMTREC Within USA and Canada:       11 (000)/224-9300         Chemistree Contact:       CHEMTREC Vithin USA and Canada:       11 (000)/224-9300         Chemistree Contact:       CHEMTREC Vithin USA and Canada:       11 (000)/224-9300         Chemistree Contact:       CHEMTREC Vithin USA and Canada:       11 (000)/22-9300         Chemistree Contact:       Chemistree Contaction to Regulation (CD No 1272/2008 [CLP]:         Skin Corrosion/Irritation, Category 1       Aquatic Toxicity (Acute) Category 1         Aquatic Toxicity (Chronic), Category 1       Aquatic Toxicity (Chronic), Category 1         Aquatic Toxicity (Chronic) to Begulation (EC) No 1272/2008 [CLP]:       Skin Pareseit         B15: Causes skin irritation.       Banger         B13: Bay causes septientation       Cause Skin irritation.         B14: Cay cause septientation       Causelia cate din contaminate.			(E)-5-[2-(4-hydroxyphenyl)ethenyl]-1,3-benzer	ne diol;				
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Company Name:       Cayman Chemical Company         Hab E. Elleworth Rd.       An Arbor, MI 48108         Web site address:       Www.caymanchem.com         Information:       Cayman Chemical Company       +1 (734)971-3335         7       Emergency Lelephone number:       Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)5277-3887         Serious Eye Damage/Eye Irritation, Category 1       Serious Eye Damage/Eye Irritation, Category 1         Aquatic Toxicity (Acute), Category 1       Aquatic Toxicity (Chronic), Category 1         Aquatic Toxicity (Chronic), Category 1       Aquatic Toxicity (Chronic), Category 1         Aguatic Toxicity (Chronic), Category 1       Ensel         Babeling according to Regulation (EC) No 1272/2008 [CLP]:       Sim (CLP)         Sim (Signal Wort:       Danger         Hi Signal Wort:       Danger		Relevant identified uses:	For research use only, not for human or veteri	nary use.				
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:       ************************************	.3	Details of the Supplier of the	e Safety Data Sheet:					
Information:       Cayman Chemical Company       +1 (734)971-3335         Emergency telephone number:       Emergency telephone number:         Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         Chemtrace Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         1       Classification according to Regulation (EC) No 1272/2008 [CLP]:         Skin Corrosion/Irritation, Category 2         Serious Eye Damage/Eye Irritation, Category 1         Target Organ Systemic Toxicity (single exposure), Category 3         Aquatic Toxicity (Acute), Category 1         Aquatic Toxicity (Chronic), Category 1         Aguatic Toxicity (Chronic), Category 1         Aguatic Toxicity (Acute), Category 1         Babel Elements:         1       Labelling according to Regulation (EC) No 1272/2008 [CLP]:         String Work:       Danger         H315: Causes skin irritation.         H316: Causes serious eye damage.         H335: May cause respiratory irritation.         H316: Causes serious eye damage.         H335: May cause respiratory irritation.			1180 E. Ellsworth Rd. Ann Arbor, MI 48108					
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<ul> <li>1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 1 Target Organ Systemic Toxicity (single exposure), Category 3 Aquatic Toxicity (Acute), Category 1 Aquatic Toxicity (Acute), Category 1 Aquatic Toxicity (Chronic), Category 1</li> <li>2 Label Elements:</li> <li>2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:</li> <li></li></ul>								
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GHS Response Phrases:		P264: Wash {hands} thoroug P280: Wear {protective glove	irritation. fe. fe with long lasting effects. hly after handling. ss/protective clothing/eye protection/face protectio	n}.				
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Revision: 02/20/2015 Supersedes Revision: 04/06/2009

	CHEMICAL	Superseues Revision. 04/06/2009					
	P302+352: IF ON SKIN: W	ash with plenty of soap and water.					
	P332+313: If skin irritation	occurs, get medical advice/attention.					
	P305+351+338: IF IN EYE	S: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy					
	to do. Continue rinsing.	to do. Continue rinsing.					
	P310: Immediately call a {	POISON CENTER/doctor/}.					
	P304+340: IF INHALED: R	Remove victim to fresh air and keep at rest in a position comfortable for breathing.					
	P312: Call a {POISON CE	NTER/doctor/} if you feel unwell.					
	P391: Collect spillage.	P391: Collect spillage.					
	GHS Storage and Dispos	GHS Storage and Disposal Phrases:					
	Please refer to Section 7 for Storage and Section 13 for Disposal information.						
2.3	Adverse Human Health	Causes serious eye damage.					
	Effects and Symptoms:	Causes skin irritation.					
		Material may be irritating to the mucous membranes and upper respiratory tract.					
		May be harmful by inhalation, ingestion, or skin absorption.					
		May cause eye or respiratory system irritation.					
		Very toxic to aquatic life with long lasting effects.					
		To the best of our knowledge, the toxicological properties have not been thoroughly investigated.					

# Section 3. Composition/Information on Ingredients

CAS # / RTECS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
22255-22-7 CZ6885187	trans-trismethoxy Resveratrol	100.0 %	NA NA	Skin Corr. 2: H315 Eye Damage 1: H318 TOST (SE) 3: H335 H336 Aquatic (A) 1: H400 Aquatic (C) 1: H410

## Section 4. First Aid Measures

4.1	Description of First Aid	No data available.
	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.



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			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 co	ool fire-exposed contai	ners.		
	Unsuita	ble Extinguishing	A solid water stream	may be inefficient.			
	Media:						
5.2	Flamma	able Properties an	dNo data available.				
Hazards:							
	Flash P	t:	No data.				
	Explosi	ve 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						
					ent contact with skin and eyes		
			Section 6. Acc	cidental Relea	se Measures		
6.1		ive Precautions,	-	-	de adequate ventilation.		
					oved self-contained breathing		
	•	ncy Procedures:			r boots, safety goggles, and h	eavy rubber gloves).	
6.2	Environ		Take steps to avoid r	elease into the environ	nment, if safe to do so.		
	Precaut		- Contain anill and call				
6.3			r Contain spill and coll		disposal in accordance with lo	ocal regulations	
	Up:		Ig manaler to a chemic			our regulations.	
<b></b>	ор.				_		
			Section 7.	Handling and	Storage		
7.1	Precaut	ions To Be Taken	Avoid breathing dust/		s/spray.		
	in Hand	-	Avoid prolonged or re				
7.2			Keep container tightly				
	in Stori	ng:	Store in accordance v	with information listed	on the product insert.		
		Sec	tion 8. Exposu	re Controls/Pe	ersonal Protection		
8.1	Exposu	e Parameters:					
CAS	#	Partial Chemical	Name	Britain EH40	France VL	Europe	
2225	55-22-7	trans-trismethoxy	Resveratrol	No data.	No data.	No data.	
CAS	#	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits	
2225	55-22-7	trans-trismethoxy	Resveratrol	No data.	No data.	No data.	
8.2	Exposu	re Controls:			•	•	
8.2.1	Enginee	ering Controls	Use process enclosur	res, local exhaust vent	ilation, or other engineering co	ontrols to control airborne	
	(Ventilation etc.): levels below recommended exposure limits.						
8.2.2	Person	al protection equi	pment:				
	Eye Protection:		Safety glasses				
	Protective Gloves:		Compatible chemical-resistant gloves				
	Other P	rotective Clothing	g:Lab coat				
	-	tory Equipment	NIOSH approved resp	pirator, as conditions v	varrant.		
		у Туре):					
			n Do not take internally		a dal la accordance d'actifica e a		
	ce Prac	tices:	racilities storing or ut	ilii∠ing this material sho	ould be equipped with an eyev	vasn and a safety shower.	



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Supersedes Revision: 04/06/2009 Wash thoroughly after handling. No data available. Section 9. Physical and Chemical Properties 9.1 Information on Basic Physical and Chemical Properties **Physical States:** [] Liquid []Gas [X] Solid A crystalline solid Appearance and Odor: **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:** ~0.25 mg/ml in a 1:2 solution of DMSO:PBS (pH 7.2); ~10mg/ml in EtOH; ~50 mg/ml in DMSO & DMF; Autoignition Pt: No data. 9.2 **Other Information** No data. **Percent Volatile:** Molecular Formula & Weight: C17H18O3 270.3 Section 10. Stability and Reactivity 10.1 Reactivity: No data available. 10.2 Stability: Unstable [ ] Stable [X] 10.3 Stable if stored in accordance with information listed on the product insert. Stability Note(s): **Polymerization:** Will occur [ ] Will not occur [X] 10.4 **Conditions To Avoid:** No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: 10.6 Hazardous carbon dioxide carbon monoxide **Decomposition Or Byproducts:** 



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			Section 11. Toxico	ological In	forma	ition		
11.1	Informa Toxicol	tion on ogical Effects:	The toxicological effects of this trans-trismethoxy Resveratrol (intermittent);					ng/kg/23D
	Effects:		Only select Registry of Toxic E See actual entry in RTECS for	complete infor	mation.	·	CS) data is pre	sented here.
CAS	#	Hazardaya Com	trans-trismethoxy Resveratrol		TP		ACGIH	OSHA
	# 55-22-7	trans-trismethoxy			.a.	n.a.	n.a.	n.a.
			Section 12. Ecol					
12.1	Toxicity	/:	Avoid release into the environr	<u> </u>	maa			
	· · · · · · · <b>,</b>		Runoff from fire control or dilut	ion water may	cause po	ollution.		
12.2	Persiste	ence and	No data available.					
	Degrada	ability:						
12.3	Bioaccu	umulative	No data available.					
	Potentia	al:						
12.4	Mobility	in Soil:	No data available.					
12.5	Results	of PBT and vPvB	No data available.					
	assessr	nent:						
			Section 13. Dispo	sal Consi	derati	ons		
13.1	Waste [	Disposal Method:	Dispose in accordance with loo	cal, state, and f	ederal re	gulations.		
			Section 14. Trar	nsport Info	ormati	on		
14.1	LAND 1	RANSPORT (US	DOT):					
C	DOT Prope DOT Hazaı JN/NA Nui		: Not dangerous goods.					
14.1	LAND 1	RANSPORT (Eur	opean ADR/RID):					
ι	ADR/RID Shipping Name: Not dangerous goods. UN Number: Hazard Class:							
14.3	AIR TR	ANSPORT (ICAO/	ΊΑΤΑ):					
10		Shipping Name:	Not dangerous goods.					
	tional Tra mation:	nsport	Transport in accordance with I	ocal, state, and	federal	regulations.		
			Section 15. Regu	latory Info	ormat	ion		
EPA	SARA (Si	uperfund Amendn	nents and Reauthorization Act	of 1986) Lists				
CAS	#	Hazardous Com	ponents (Chemical Name)	S. 302 (EH	S)	S. 304 RQ	S. 313	(TRI)
222	55-22-7	trans-trismethoxy	/ Resveratrol	No		No	No	
CAS	#	Hazardous Com	ponents (Chemical Name)	Other US E	PA or S	tate Lists		
222	55-22-7	trans-trismethoxy	/ Resveratrol	CAA HAP,0 PROP.65: I		; CWA NPDE	S: No; TSCA:	No; CA
		•						



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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:	02/20/2015		
Additional Information About This Product:	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.		

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