

Page: 1

Product Name: Cell-Based PMA (1 mM) 1.2 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. 1.3 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 +1 (734)971-3335 1.4 Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 Emergency Contact: CHEMTREC Outside USA and Canada: +1 2.1 Classification of the Substance or Mixture: 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. Label Elements: Label Elements:		Supersedes Revision: 06/24/2013				
1.1 Product Code: 400145 Product Name: Cell-Based PMA (1 mM) 1.2 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 1.30 Details of the Supplier of the Safety Data Sheet: Company Name: Cayman Chemical Company 1.4100 E. Ellsworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 1.4 Emergency telephone number: Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 2.1 Classification of the Substance or Mixture: 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2A 2.1.2 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritath Risk Phrases: R36/38 For full text of R - phrases: see SECTION 15. 2.2 2.1.2 Label Elements: 2.1.2 2.1.2 Labeling acco		according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008				
Product Name: Cell-Based PMA (1 mM) I.2 Relevant identified uses: For research use only, not for human or veterinary use. I.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 +1180 E: Ellsworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (703)927-3335 Image: Company Name: Cayman Chemical Company -1100 E: Ellsworth Rd. +1 (800)424-9300 Cortex: CHEMTREC Vuithin USA and Canada: +1 (703)927-3887 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 21.2 Classification according to Directive 1999/45/EC: Xi: Irritant Xi: Irritant Risk Phrases: R36/38 For full text of R-phrases: see SECTION 15. 2 22.1 Label Elements: Elements: Elements: 23.2 Label Elements: Elementselements: Elements:		Section 1. Identification of the Substance/Mixture and of the Company/Undertaking				
Relevant identified uses: For research use only, not for human or veterinary use. 1.3 Details of the Supplier of the Safety Data Sheet: Corpany Name: Cayman Chemical Company 1180 E: Elisworth Rd. Ann Arbor, MI 48108 Web site address: mergency telephone number: Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 2.1 Classification of the Substance or Mixture: 2.1.1 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2.2 Label Elements: 2.1 2.1 Label Elements: 2.1 2.1 Label Relements: 2.1 2.1 Label Relements: 2.1 2.1 Label Relements: 2.1 2.2 Label Relements: 2.1 2.3 Label Relevantsion, H313: Causes skin irritation, H315: Causes skin irritation, H316: Causes skin irritation, H317: Causes skin irritation, H318: Causes skin irritation, H319: Causes skin iritation, H319: Causes skin irritation, H319:	1.1					
 1.3 Details of the Supplier of the Safety Data Shet: Company Name: Cayman Chemical Company 1180 E: Elsworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 1.4 Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 2.1 Classification of the Substance or Mixture: 2.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skrin Corrosion/Irritation, Category 2A Serious Eye Damage/Eye Irritation, Category 2A Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2.2 Label Elements: 2.1.1 LabelEling according to Regulation (EC) No 1272/2008 [CLP]: 6HS Signal Word: Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes sein irritation. H319: Causes seinous eye irritation. H319: Causes sein irritation persistis, get medical advice/at	1.2	Relevant identified uses of the substance or mixture and uses advised against:				
Company Name: Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 14 Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 Emergency Contact: CHEMTREC Outside USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: 2.1 Classification of the Substance or Mixture: 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2.2 Label Elements: 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Veat Warning GHS Signal Word: Warning GHS Nazard Phrases: H227: Combustible liquid. H319: Causes serious eye irritation. H319: Causes serious eye irritation. <th></th> <td>Relevant identified uses: For research use only, not for human or veterinary use.</td>		Relevant identified uses: For research use only, not for human or veterinary use.				
Information: Cayman Chemical Company +1 (734)971-3335 I.4 Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 +1 (703)527-3887 I.4 Energency Contact: CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 2.1 Classification of the Substance or Mixture: 2.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15, 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Vision Warning GHS Signal Word: Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes serious eye irritation. H319: Causes serious eye irritation. H319: Causes serious eye irritation. GHS Precaution Phrases: P260: Wear (protective gloves/protective clothing/eye protection/face protection). P210: Keep away from (head/sparks/open flames/hot surfaces) No smoking. P246: Wash (hands) thoroughy after handing. P362+364: Take off contaminated clothing and wash it before reuse.	1.3	Company Name:Cayman Chemical Company1180 E. Ellsworth Rd.				
Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 2:1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 2:1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2:2 Label Elements: 2:2.1 Label Igenents: 2:2.1 Label Regulation (EC) No 1272/2008 [CLP]: View Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation. H319: Causes serious eye irritation. H319: Causes serious eye irritation. H210: Keep away from (heat/sparks/open flames/hot surfaces) No smoking. P280: Wear (protective gloves/protective clothing/eye protection/face protection). P280: Wear (bands) thoroughly after handling. P362+364: Take off contaminated clothing and wash it before reuse. GHS Response Phrases: P302+352: IF ON SKIN: Wash with plent		,				
 2.1 Classification of the Substance or Mixture: 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2.2 Label Elements: 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Wincomposition of the Regulation (EC) No 1272/2008 [CLP]: Warning GHS Signal Word: Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation. H319: Causes skin irritation. H319: Causes serious eye irritation. GHS Precaution Phrases: P280: Wear (protective gloves/protective clothing/eye protection/face protection). P210: Keep away from (heat/sparks/open flames/hot surfaces) No smoking. P264: Wash (hands) thoroughly after handling. P362+364: Take off contaminated clothing and wash it before reuse. GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of scap and water. P332+313: If skin irritation occurs, get medical advice/attention. P305+331+333: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If ve irritation presists, get medical advice/attention. GHS Storage and Disposal Phrases: 	1.4	Emergency Contact:CHEMTREC Within USA and Canada:+1 (800)424-9300				
 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A 2.1.2 Classification according to Directive 1999/45/EC: Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. 2.2 Label Elements: 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation. H319: Causes serious eye irritation eyes eye irritation. H310: Causes serious eyes eyes eyes irritation eyes eyes eyes eyes eyes eyes eyes eye		Section 2. Hazards Identification				
X: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15. Label Elements: 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:	2.1.1	Flammable Liquids, Category 4 Skin Corrosion/Irritation, Category 2				
GHS Signal Word: Warning GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation. H319: Causes serious eye irritation. H319: Causes serious eye irritation. GHS Precaution Phrases: P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking. P264: Wash {hands} thoroughly after handling. P362+364: Take off contaminated clothing and wash it before reuse. GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water. P324-313: If skin irritation occurs, get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists, get medical advice/attention. F337+313: If eye irritation persists, get medical advice/attention. GHS Borage and Disposal Phrases:	2.1.2 2.2	Xi: Irritant Risk Phrases: R36/38 For full text of R- phrases: see SECTION 15.				
 GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation. H319: Causes serious eye irritation. GHS Precaution Phrases: P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking. P264: Wash {hands} thoroughly after handling. P362+364: Take off contaminated clothing and wash it before reuse. GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water. P332+313: If skin irritation occurs, get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists, get medical advice/attention. GHS Storage and Disposal Phrases: 	2.2.1	Labeling according to Regulation (EC) No 1272/2008 [CLP]:				
 GHS Precaution Phrases: P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking. P264: Wash {hands} thoroughly after handling. P362+364: Take off contaminated clothing and wash it before reuse. GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water. P332+313: If skin irritation occurs, get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists, get medical advice/attention. GHS Storage and Disposal Phrases: 		GHS Hazard Phrases: H227: Combustible liquid. H315: Causes skin irritation.				
 GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water. P332+313: If skin irritation occurs, get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists, get medical advice/attention. GHS Storage and Disposal Phrases: 		GHS Precaution Phrases: P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P210: Keep away from {heat/sparks/open flames/hot surfaces} No smoking. P264: Wash {hands} thoroughly after handling.				
GHS Storage and Disposal Phrases:		GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water. P332+313: If skin irritation occurs, get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
Please reter to Section 7 for Storage and Section 13 for Disposal information.		GHS Storage and Disposal Phrases:				
		Please refer to Section 7 for Storage and Section 13 for Disposal information.				



Page: 2

2.2.2 Labeling according to Directive 1999/45/EC:



2.3 Adverse Human Health Causes skin and serious eye irritation.

Effects and Symptoms: DMSO has the potential to carry toxic materials or materials of unknown toxicity into the body.

DMSO is readily absorbed through skin.

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause respiratory system irritation.

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.	Risk Phrases/ GHS Classification
16561-29-8 QH4377000	Phorbol 12-myristate 13-acetate	0.063 %	NA NA	Xn; R21-38 Skin Corr. 2: H315
67-68-5 PV6210000	Dimethyl sulfoxide, anhydrous	99.937 %	200-664-3 NA	Xi; R36/38 Flam. Liq. 4: H227 Eye Damage 2A: H319 Skin Corr. 2: H315

Section 4. First Aid Measures

4.1	Description of First AidNo 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.			
4.2	Important Symptoms and Effects, Both Acute and Delayed:	Exposure may cause: hematuria or shortness of breath (dyspnea). Exposure may cause: gastrointestinal irritation with nausea, vomiting, diarrhea, headache, dizziness, and drowsiness. Eye contact may cause blurry vision, burning sensation, redness, tearing, and vasodilation.			



	Section 5. Fire Fighting Measures					
5.1	Suitable Media:	e Extinguishing		nt foam, carbon dioxide, wa cool fire-exposed containe		у.
	Unsuita Extingu	ıble ıishing Media:	A solid water strear	n may be inefficient.		
5.2 Flammable Properties and Hazards:			flashpoint. Container explosion Emits toxic fumes u Sensitive to static d	that form explosive mixtur may occur under fire cond nder fire conditions. ischarge. o a source of ignition and fl	ditions.	bove the
	Flash P	t:	89.00 C Method L	Jsed: Closed Cup		
	Explosi	ve Limits:	LEL: 3.5% a	t 25.0 C UEL: 42.0	0% at 25.0 C	
	Autoigr	nition Pt:	215.00 C			
5.3	-	Fire FightingAs in any fire, wear self-contained breathing apparatus pressure-demand (NIOSHInstructions:approved or equivalent), and full protective gear to prevent contact with skin and eyes.Note: Combustible as diluted in dimethyl sulfoxide				•
			Section 6. Acc	cidental Release M	easures	
6.1 6.2	Protective Precautions, Protective Equipment and EmergencyAs conditions warrant, wear a NIOSH approved self-contained breathing apparatus, o respirator, and appropriate personal protection (rubber boots, safety goggles, and hea rubber gloves).Environmental Precautions:Take steps to avoid release into the environment, if safe to do so.			• • •		
6.3	Methods and MaterialContain spill and collect, as appropriate.For Containment andTransfer to a chemical waste container for disposal in accordance with local regulationCleaning Up:			local regulations		
			Section 7.	Handling and Stor	age	
7.1	Precautions To Be Taken in Handling:Avoid breathing dust/fume/gas/mist/vapours/spray.Avoid prolonged or repeated exposure. Keep away from sources of ignition. Take precautionary measures against static discharge.					
7.2	Precau	tions To Be		at, sparks and flame.	-	
	Taken i	n Storing:	Keep container tigh	tly closed.		
	Other Precautions:		Store in accordance with information listed on the product insert.			
			Hygroscopic.			
		Sec	tion 8. Exposu	re Controls/Persona	al Protection	
8.1	Exposu	ire Parameters:				
CAS	#	Partial Chemical	Name	Britain EH40	France VL	Europe
16561-29-8 Phorbol 12		Phorbol 12-myrist	ato 12 acotato	No data.	No data.	No data.

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
16561-29-8	Phorbol 12-myristate 13-acetate	No data.	No data.	No data.
67-68-5	Dimethyl sulfoxide, anhydrous	No data.	No data.	No data.
		•		



		Partial Chemical Name		OSHA TWA	ACGIH TWA	edes Revision: 06/24/2013 Other Limits
		Phorbol 12-myrist	ate 13-acetate	No data.	No data.	No data.
		Dimethyl sulfoxide		No data.	No data.	No data.
3.2		re Controls:	,			ļ
8.2.1	•	ering Controls	Use process encl	osures, local exhaust	ventilation, or other engine	ering controls to
	•	tion etc.):	•	evels below recommer	•	ennig eenniere te
8.2.2	•	al protection e	quipment:			
		tection:	Safety glasses			
	Protecti	ive Gloves:	Compatible chem	ical-resistant gloves		
	Other P	rotective	Lab coat			
	Clothing	g:				
	Respira (Specify	• • •	t NIOSH approved	respirator, as conditio	ns warrant.	
			Do not take interr	•		
	ance Pr	actices:	-	or utilizing this materia	I should be equipped with	an eyewash and a
			safety shower. Wash thoroughly	after handling		
		S	ection 9. Phy	sical and Chem	ical Properties	
9.1	Informa	tion on Basic F	Physical and Cher	nical Properties		
	Physica	I States:	[]Gas	[X]Liquid []S	olid	
	Appeara	ance and Odor:	Solution			
	Melting	Point:	No data.			
	Boiling		No data.			
	Flash P			Method Used: Closed	d Cup	
	-	ation Rate:	No data.			
	-	ve Limits:	LEL: 3.5°		UEL: 42.0% at 2	5.0 C
	-	Pressure (vs. Ai	ror 0.37 MM_	_HG at 20.0 C		
	mm Hg) Vapor D). Density (vs. Air	= 1): No data.			
	-	c Gravity (Water	,			
	•	ty in Water:	No data.			
		ition Pt:	215.00 C			
9.2	-	nformation				
		Volatile:	No data.			
				0. Stability and I	Reactivity	
40.4	Desit				τοαστιντιγ	
10.1	Reactiv	•	No data available			
10.2	Stability			Stable [X]	motion listed on the produ	at incart
10.3	-	/ Note(s):	Will occur []	Will not occur [X]	mation listed on the produ	
10 4	-	rization: ons To Avoid:				
10.4			heat, flames and	sharks		
10.5	-	atibility - Is To Avoid:	acid chlorides phosphorus halide	es		
	materia		strong acids			
			alkali metals			
			strong oxidizing a	gents		
			strong reducing a	gents		
10.6	Hazardo	bus	carbon monoxide			
						Multi-region for



	composition Or products:	carbon dioxide sulfur oxides			
	·	Section 11. Toxico	logical Inform	nation	
1.1 Inf	ormation on	The toxicological effects of			nly studied.
Το	xicological Effects:	DMSO - Toxicity Data: Oral Oral LD50 (mouse): 7,920 r	al LD50 (rat): 14,500 mg/kg; Skin LD50 (rat): 40,000 mg/kg; mg/kg; Skin LD50 (mouse): 50,000 mg/kg; Skin TDLO aalation LC50 (rat): >1,600 mg/m3 (4h);		
	ronic Toxicological ects:	DMSO - Investigated as a n Only select Registry of Toxi here. See actual entry in R DMSO RTECS Number: PV	c Effects of Chemi TECS for complete	cal Substances (
Carcinog	enicity:	NTP? No IARC Monog	raphs? No O	SHA Regulated?	No
		Section 12. Ecolo	ogical Informa	ation	
12.1 To	xicity:	Avoid release into the enviro Runoff from fire control or d		ause pollution.	
		Section 13. Dispo	sal Considera	ations	
	iste Disposal thod:	Dispose in accordance with	local, state, and fe	ederal regulations	S.
		Section 14. Trar	nsport Informa	ation	
UN/N 14.1 L ADR/ UN N Hazai 14.3 A ICAO	al Transport	Not dangerous goods. O/IATA): e: Not dangerous goods. Transport in accordance wi			ns.
		Section 15. Regu	latory Information	ation	
		ents and Reauthorization Act	-		
CAS #		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
16561-29			No	No	No
67-68-5	5 Dimethyl sulfoxid	e, annyorous	No	No	No
CAS #	Hazardous Com	ponents (Chemical Name)	onents (Chemical Name) Other US EPA or State Lists		
16561-29	9-8 Phorbol 12-myris	tate 13-acetate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No		
67-68-5	5 Dimethyl sulfoxid	e, anhydrous	CAA HAP,ODC: PROP.65: No	No; CWA NPDES:	: No; TSCA: Inventory; CA
					Multi-region forma



European Community Ha	vard Symbol codes:
	Xi
European Community Ris	sk and Safety Phrases:
R36/38	Irritating to eyes and skin.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)
Regulatory Information Statement:	This SDS was prepared in accordance with Regulation (EC) No.1272/2008 and European Directive 67/548/EEC as amended.
	Section 16. Other Information
Revision Date:	03/06/2014
Additional Information Ab This Product:	out No data available.
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.