

Revision: 09/06/2016

	0	ding to Regulation (EC) No. 1907/2006 as amended by (E	
	Section 1. Ide	entification of the Substance/Mixture and of the	e Company/Undertaking
1	Product Code:	14854	
	Product Name:	(Z)-4-hydroxy Tamoxifen	
	Synonyms:	4-[(1Z)-1-[4-[2-(dimethylamino)ethoxy]phenyl]-2 79280;trans-4-hydroxy Tamoxifen;	-phenyl-1-buten-1-yl]-phenol; ICI
2	Relevant identified uses of t	he substance or mixture and uses advised aga	inst:
	Relevant identified uses:	For research use only, not for human or vetering	ary use.
3	Details of the Supplier of the	e 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
4	Emergency telephone numb	per:	
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887
		Section 2. Hazards Identifica	ation
	Acute Toxicity: Inhalation, Acute Toxicity: Oral, Categ Acute Toxicity: Skin, Categ Toxic To Reproduction, Ca Label Elements:	gory 4 gory 4	
	Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Toxic To Reproduction, Ca	, Category 4 gory 4 gory 4	
	Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Toxic To Reproduction, Ca	, Category 4 gory 4 gory 4	
	Acute Toxicity: Oral, Category Acute Toxicity: Skin, Category Toxic To Reproduction, Category Label Elements:	, Category 4 gory 4 gory 4 ategory 2	
1	Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Toxic To Reproduction, Ca Label Elements: GHS Signal Word:	, Category 4 gory 4 ategory 2 Warning	
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Ca Label Elements: GHS Signal Word: GHS Hazard Phrases:	, Category 4 gory 4 gory 4 ategory 2 Warning	
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Ca Label Elements: GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful in contact with H332: Harmful if inhaled.	, Category 4 gory 4 gory 4 ategory 2 Warning th skin.	
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Ca Label Elements: GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful in contact with H332: Harmful if inhaled. H361: Suspected of damagi	, Category 4 gory 4 gory 4 ategory 2 Warning	
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	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements:	, Category 4 gory 4 gory 4 ategory 2 Warning Warning th skin. ing fertility or the unborn child.	
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	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements:	, Category 4 gory 4 gory 4 ategory 2 Warning Warning th skin. ing fertility or the unborn child. ctions before use. I safety precautions have been read and understoor (/fume/gas/mist/vapors/spray}).	od.
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements:	, Category 4 gory 4 gory 4 ategory 2 Warning Warning	
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	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements: GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful if inhaled. H361: Suspected of damagi GHS Precaution Phrases: P201: Obtain special instruct P202: Do not handle until all P261: Avoid breathing {dust P264: Wash {hands} thoroug P280: Wear {protective glow GHS Response Phrases: P301+312: IF SWALLOWED P302+352: IF ON SKIN: Wa	, Category 4 gory 4 gory 4 ategory 2 Warning th skin. ing fertility or the unborn child. ctions before use. I safety precautions have been read and understoor (/fume/gas/mist/vapors/spray}). ghly after handling. res/protective clothing/eye protection/face protection	n}. /ou feel unwell.
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements: GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful in contact with H332: Harmful if inhaled. H361: Suspected of damagi GHS Precaution Phrases: P201: Obtain special instruct P202: Do not handle until all P261: Avoid breathing {dust P264: Wash {hands} thoroug P280: Wear {protective glow GHS Response Phrases: P301+312: IF SWALLOWED P302+352: IF ON SKIN: Wat P304+340: IF INHALED: Response Phrases	, Category 4 gory 4 gory 4 ategory 2 Warning th skin. Ing fertility or the unborn child. tions before use. I safety precautions have been read and understoor (fume/gas/mist/vapors/spray}. ghly after handling. res/protective clothing/eye protection/face protection D: Call a POISON CENTER or doctor/physician if y ash with plenty of soap and water.	n}. /ou feel unwell.
	Acute Toxicity: Oral, Catego Acute Toxicity: Skin, Catego Toxic To Reproduction, Catego Label Elements: GHS Signal Word: GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful if swallowed. H312: Harmful in contact with H332: Harmful if inhaled. H361: Suspected of damagi GHS Precaution Phrases: P201: Obtain special instruct P202: Do not handle until all P261: Avoid breathing {dust P264: Wash {hands} thoroug P280: Wear {protective glow GHS Response Phrases: P301+312: IF SWALLOWED P302+352: IF ON SKIN: Wat P304+340: IF INHALED: Response Phrases	, Category 4 gory 4 gory 4 ategory 2 Warning Warning M	n}. /ou feel unwell.



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P321: Specific treatment P330: Rinse mouth. P362+364: Take off cont GHS Storage and Disp Please refer to Section 7 Adverse Human Health Effects and Symptoms:	aminated clothing and wash it osal Phrases: for Storage and Section 13 fo Harmful if inhaled, swallowe Material may be irritating to May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ ation No.	before reuse. r Disposal information d, or in contact with the mucous membra piratory system irritat lity or the unborn ch e, the toxicological p	skin. anes and upper re- tion. ild. oroperties have no ON Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
P330: Rinse mouth. P362+364: Take off cont GHS Storage and Disp Please refer to Section 7 Adverse Human Health Effects and Symptoms: Sec Hazardous Com # REACH Registra 26-3 4-Hydroxytamoxifer	aminated clothing and wash it osal Phrases: for Storage and Section 13 fo Harmful if inhaled, swallowe Material may be irritating to May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ ation No.	r Disposal information d, or in contact with the mucous membra diratory system irritat lity or the unborn ch e, the toxicological p n/Information	skin. anes and upper re- tion. ild. oroperties have no ON Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
P362+364: Take off cont GHS Storage and Disp Please refer to Section 7 Adverse Human Health Effects and Symptoms: Sec Hazardous Com # REACH Registra 06-3 4-Hydroxytamoxifer	osal Phrases: for Storage and Section 13 fo Harmful if inhaled, swallowe Material may be irritating to May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledg tion 3. Composition ponents (Chemical Name)/ ation No.	r Disposal information d, or in contact with the mucous membra diratory system irritat lity or the unborn ch e, the toxicological p n/Information	skin. anes and upper re- tion. ild. oroperties have no ON Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
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Adverse Human Health Effects and Symptoms: Sec Hazardous Com # REACH Registra 26-3 4-Hydroxytamoxifer	Harmful if inhaled, swallowe Material may be irritating to May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledg tion 3. Composition ponents (Chemical Name)/ ation No.	d, or in contact with the mucous membra piratory system irrita lity or the unborn ch e, the toxicological p n/Information Concentration	skin. anes and upper re- tion. ild. oroperties have no ON Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
Effects and Symptoms: Sec Hazardous Com # REACH Registra 26-3 4-Hydroxytamoxifer	Material may be irritating to May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ ation No.	the mucous membra biratory system irrita lity or the unborn ch e, the toxicological p n/Information Concentration	anes and upper re- tion. ild. properties have no ON Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
Hazardous Com # REACH Registra 26-3 4-Hydroxytamoxifer	May cause eye, skin, or resp Suspected of damaging ferti To the best of our knowledg tion 3. Composition ponents (Chemical Name)/ ation No.	biratory system irrita lity or the unborn ch e, the toxicological p n/Information Concentration	tion. ild. properties have no On Ingredie EC No./ EC Index No.	t been thoroughly investigated.			
Hazardous Com # REACH Registra 06-3 4-Hydroxytamoxifer	Suspected of damaging ferti To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ ation No.	lity or the unborn ch e, the toxicological p n/Information Concentration	ild. oroperties have no On Ingredie EC No./ EC Index No.	nts			
Hazardous Com # REACH Registra 06-3 4-Hydroxytamoxifer	To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ ation No.	e, the toxicological p n/Information Concentration	oroperties have no ON Ingredie EC No./ EC Index No.	nts			
Hazardous Com # REACH Registra 06-3 4-Hydroxytamoxifer	tion 3. Composition ponents (Chemical Name)/ ation No.	n/Information	On Ingredie EC No./ EC Index No.	nts			
Hazardous Com # REACH Registra 06-3 4-Hydroxytamoxifer	ponents (Chemical Name)/ ation No.	Concentration	EC No./ EC Index No.				
# REACH Registra D6-3 4-Hydroxytamoxifer	ation No.		EC Index No.	GHS Classification			
D6-3 4-Hydroxytamoxife		100.0 %					
	1	100.0 %					
			NA	Acute Tox.(O) 4: H302			
			NA	Acute Tox.(D) 4: H312			
				Acute Tox.(I) 4: H332			
				Toxic Repro. 2: H361			
	Section 4. Fi	irst Aid Meas	ures				
Description of First Aid							
Veasures:							
In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained person							
	Get immediate medical attention.						
n Case of Skin Contact:			ater for at least 1	5 minutes. Remove contaminate			
	-						
n Case of Eve Contact	-		-				
	and tested by medical personnel. Wash out mouth with water provided person is conscious. Never give anything by mouth to an						
n Case of Ingestion:							
		nconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by					
		Eighting Ma	0011800				
•	g A solid water stream may be	e inefficient.					
Media:							
Flammable Properties a	ndNo data available.						
lazards:							
	No data available.						
Flash Pt:	No data.						
Explosive Limits:	LEL: No data.	UEL: No c	lata.				
Autoignition Pt:	No data.						
Fire Fighting Instruction	s: As in any fire, wear self-cont	tained breathing apr	paratus pressure-d	lemand (NIOSH approved or			
J . J	-		-				
	Case of Eye Contact: Case of Ingestion: uitable Extinguishing edia: nsuitable Extinguishing edia: ammable Properties an azards: ash Pt: xplosive Limits: utoignition Pt:	clothing. Get medical attention Case of Eye Contact: Hold eyelids apart and flush and tested by medical perso Wash out mouth with water punconscious person. Get me medical personnel. Section 5. Fire uitable Extinguishing edia: Use alcohol-resistant foam, Use water spray to cool fire- nsuitable Extinguishing A solid water stream may be edia: lammable Properties and No data available. azards: No data available. lash Pt: No data. LEL: No data. utoignition Pt: No data. ire Fighting Instructions: As in any fire, wear self-cont	clothing. Get medical attention if symptoms occur Hold eyelids apart and flush eyes with plenty of wand tested by medical personnel. Wash out mouth with water provided person is curconscious person. Get medical attention. Do Nedical personnel. Section 5. Fire Fighting Me uitable Extinguishing edia: Use alcohol-resistant foam, carbon dioxide, wate Use water spray to cool fire-exposed containers nsuitable Extinguishing A solid water stream may be inefficient. edia: ammable Properties andNo data available. azards: No data available. ash Pt: No data. xplosive Limits: LEL: No data. UEL: No cutoignition Pt: No data.	clothing. Get medical attention if symptoms occur. Wash clothing to Case of Eye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 1 and tested by medical personnel. Wash out mouth with water provided person is conscious. Never g unconscious person. Get medical attention. Do NOT induce vomiti medical personnel. Section 5. Fire Fighting Measures Use alcohol-resistant foam, carbon dioxide, water, or dry chemical Use water spray to cool fire-exposed containers. Insuitable Extinguishing edia: Immable Properties andNo data available. azards: No data available. Mo data. Kaplosive Limits: LEL: No data. UEL: No data.			

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		Section 6. Ac	cidental Release M	easures			
Protect	ve Precautions,	Avoid raising and bre	eathing dust, and provide adec	uate ventilation.			
Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respiration							
Emergency Procedures: and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).							
2 Environmental Take steps to avoid release into the environment, if safe to do so.							
Precautions:							
Methods and Material For Contain spill and collect, as appropriate.							
Containment and CleaningTransfer to a chemical waste container for disposal in accordance with local regulations.							
Up:							
Section 7. Handling and Storage							
Precaut	ions To Be Taken	Avoid breathing dust/	fume/gas/mist/vapours/spray.				
in Hand	ling:	Avoid prolonged or re	peated exposure.				
Precaut	ions To Be Taken	Keep container tightly	closed.				
in Stori	ng:	Store in accordance v	with information listed on the p	roduct insert.			
	Sec	tion 8. Exposu	re Controls/Persona	al Protection			
Exposu		·					
#	Partial Chemical	Name	Britain EH40	France VL	Europe		
47-06-3	4-Hydroxytamoxif	en	No data.	No data.	No data.		
#	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits		
47-06-3	4-Hydroxytamoxif	en	No data.	No data.	No data.		
Exposu	re Controls:		ļ	I.	1		
Enginee	ering Controls	Use process enclosu	res, local exhaust ventilation, o	or other engineering controls	to control airborne		
(Ventila	tion etc.):	levels below recommended exposure limits.					
Person	al protection equi	pment:					
Eye Pro	tection:	Safety glasses					
Protect	ve Gloves:	Compatible chemical-resistant gloves					
Other P	rotective Clothing	j: Lab coat					
Respiratory EquipmentNIOSH approved respirator, as conditions warrant.(Specify Type):							
ce Prac	tices:						
No data available.							
	Protecti Emerge Environ Precaut Method Contain Up: Precaut in Hand Precaut in Storin Exposur # 47-06-3 # 47-06-3 # 47-06-3 Exposur Enginee (Ventila Person Eye Pro Protecti Other P Respira (Specify Work/H	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Partial Chemical 47-06-3 4-Hydroxytamoxif # Partial Chemical 47-06-3 4-Hydroxytamoxif Exposure Controls: Engineering Controls (Ventilation etc.): Personal protection equi Eye Protection: Protective Gloves: Other Protective Clothing Respiratory Equipment (Specify Type):	Protective Precautions, Protective Equipment and Emergency Procedures: Environmental Avoid raising and breach As conditions warrant and appropriate person Take steps to avoid real and coll Containment and Cleaning Transfer to a chemical up: Methods and Material For Orotainment and Cleaning Transfer to a chemical up: Section 7. Precautions To Be Taken in Handling: Avoid breathing dust/ Avoid prolonged or real Precautions To Be Taken in Storing: Section 8. Exposutions Precautions To Be Taken in Storing: Keep container tightly Store in accordance of Section 8. Exposute Partial Chemical Name 47-06-3 4-Hydroxytamoxifen # Partial Chemical Name 47-06-3 4-Hydroxytamoxifen Exposure Controls: Use process enclosure (Ventilation etc.): Personal protection equipment: Eye Protection: Safety glasses Protective Gloves: Other Protection Clothing:Lab coat Respiratory Equipment Keepiratory Equipment NIOSH approved respiratory Facilities storing or ut	Protective Precautions, Protective Equipment and As conditions warrant, wear a NIOSH approved see Emergency Procedures: and appropriate personal protection (rubber boots, Environmental Take steps to avoid release into the environment, i Precautions: Methods and Material For Contain spill and collect, as appropriate. Containment and CleaningTransfer to a chemical waste container for disposa Up: Section 7. Handling and Stor Precautions To Be Taken Avoid breathing dust/fume/gas/mist/vapours/spray. in Handling: Avoid prolonged or repeated exposure. Precautions To Be Taken Avoid prolonged or repeated exposure. Precautions To Be Taken Keep container tightly closed. in Storing: Store in accordance with information listed on the p Section 8. Exposure Controls/Persona Exposure Parameters: # Partial Chemical Name Britain EH40 47-06-3 4-Hydroxytamoxifen No data. # Partial Chemical Name OSHA TWA 47-06-3 4-Hydroxytamoxifen No data. Exposure Controls: Engineering Controls Use process enclosures, local exhaust ventilation, of (Ventilation etc.): levels below recommended exposure limits. Personal protection equipment: 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 of Wash thoroughly after handling. <td>Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing appare Emergency Procedures: and appropriate personal protection (rubber boots, safety goggles, and heavy rule) Environmental Take steps to avoid release into the environment, if safe to do so. Precautions: 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 regulp: Section 7. Handling and Storage Precautions To Be Taken Avoid prelonged or repeated exposure. Precautions To Be Taken Keep container tightly closed. in Storing: Store in accordance with information listed on the product insert. Section 8. Exposure Controls/Personal Protection Exposure Parameters: # # Partial Chemical Name Britain EH40 France VL 47-06-3 4-Hydroxytamoxifen No data. No data. # Partial Chemical Name OSHA TWA ACGIH TWA 47-06-3 4-Hydroxytamoxifen No data. No data. Exposure Controls: Isey process enclosures, local exhaust ventilation, or other engineering controls (Ventilation etc.): Isey process enclosures, local exhaust ventilation, or other en</td>	Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing appare Emergency Procedures: and appropriate personal protection (rubber boots, safety goggles, and heavy rule) Environmental Take steps to avoid release into the environment, if safe to do so. Precautions: 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 regulp: Section 7. Handling and Storage Precautions To Be Taken Avoid prelonged or repeated exposure. Precautions To Be Taken Keep container tightly closed. in Storing: Store in accordance with information listed on the product insert. Section 8. Exposure Controls/Personal Protection Exposure Parameters: # # Partial Chemical Name Britain EH40 France VL 47-06-3 4-Hydroxytamoxifen No data. No data. # Partial Chemical Name OSHA TWA ACGIH TWA 47-06-3 4-Hydroxytamoxifen No data. No data. Exposure Controls: Isey process enclosures, local exhaust ventilation, or other engineering controls (Ventilation etc.): Isey process enclosures, local exhaust ventilation, or other en		



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	S	Section 9. Physical and Chemical Properties				
9.1	Information on Basic Physical 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.				
	Flammability (solid, gas)	No data available.				
	Explosive Limits:	LEL: No data. UEL: No data.				
	Vapor Pressure (vs. Air o	or mm No data.				
	Hg):					
	Vapor Density (vs. Air = ²	1): No data.				
	Specific Gravity (Water =	= 1): No data.				
	Solubility in Water:	No data.				
	Solubility Notes:	~0.3 mg/ml in a 1:2 solution of EtOH:PBS (pH 7.2); ~20 mg/ml in EtOH & DMF; ~2 mg/ml in				
		DMSO;				
	Autoignition Pt:	No data.				
9.2	Other Information					
	Percent Volatile:	No data.				
	Molecular Formula & We	eight: C26H29NO2 387.5				
		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:	No data available.				
10.5	Incompatibility - Material	Is oxidizing agents				
	To Avoid:					
10.6	Hazardous	carbon dioxide				
	Decomposition or	carbon monoxide				
	Byproducts:	nitrogen oxides				
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11.1	Informatio	n on	Section 11. Toxicological			udied		
			The toxicological effects of this product have not been thoroughly studied. (Z)-4-hydroxy Tamoxifen - Toxicity Data: Subcutaneous TDLO (mouse): 30 ug/kg/3D (intermittent)					
	Ioxicologi	cal Effects:	Oral TDLO (rat): 3 mg/kg/3D (intermittent)					
			Oral TDLO (mouse): 3500 ug/kg/10W (inte			i). 40 mg/kg/21	o (internittent),	
	Chronic To	oxicological	(Z)-4-hydroxy Tamoxifen - Investigated as		and reproduct	ive effector		
	Effects:	Dicological	Only select Registry of Toxic Effects of Ch	•	•		sented here	
	Enects:		See actual entry in RTECS for complete in					
			(Z)-4-hydroxy Tamoxifen RTECS Number)			
CAS # Hazardous Com		lazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
6804	47-06-3 4	-Hydroxytamoxif	en	n.a.	n.a.	n.a.	n.a.	
	•		Section 12. Ecological I	nformati	ion	•	•	
12.1	Toxicity:		Avoid release into the environment.					
			Runoff from fire control or dilution water m	ay cause po	ollution.			
12.2	Persistenc	e and	No data available.					
	Degradabi	lity:						
12.3	Bioaccum	ulative	No data available.					
	Potential:							
12.4	Mobility in	Soil:	No data available.					
12.5	Results of	PBT and vPvB	No data available.					
	assessme	nt:						
12.6	Other adve	erse effects:	No data available.					
			Section 13. Disposal Cor	siderati	ons			
13.1	Waste Dis	posal Method:	Dispose in accordance with local, state, and	nd federal re	egulations.			
			Section 14. Transport li	nformati	ion			
14.1	LAND TRA	ANSPORT (US I	ООТ):					
D	OT Proper S	Shipping Name:	Not dangerous goods.					
D	OT Hazard (Class:						
U	N/NA Numb	er:						
14.1	1 LAND TRANSPORT (Eur		ppean ADR/RID):					
Α	DR/RID Ship	oping Name:	Not dangerous goods.					
U	N Number:							
н	lazard Class	:						
14.3	AIR TRAN	SPORT (ICAO/I	ATA):					
IC	CAO/IATA SI	hipping Name:	Not dangerous goods.					
	tional Trans	port	Transport in accordance with local, state,	and federal	regulations.			
	mation:							

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		Section 15. Regu		allUII		
		nents and Reauthorization Act	-			
CAS #		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
68047-06-3	4-Hydroxytamoxi	fen	No	No	No	
CAS #	S # Hazardous Components (Chemical Name)			r State Lists		
68047-06-3 4-Hydroxytamoxifen			CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Information Statement:		This SDS was prepared in accord No.1272/2008.	ordance with 29 CFI	R 1910.1200 and R	egulation (EC)	
		Section 16. Ot	her Informati	on		
Revision Date:	:	09/06/2016				
Additional Info	ormation About	No data available.				
This Product:						