

Revision: 04/20/2019

	Section 1.	Identification of the Substance/Mixture and of the	ne Company/Undertaking					
. 4	Product Code:							
1.1	Product Code: Product Name:	27784 Olanzapine Thiolactam Impurity						
	Synonyms:		ioxo-3H-1,5-benzodiazepin-3-ylidene]-2-propan					
	cynonyms.	e; Ketothiolactam;						
.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	4 (704)074 0005					
	Information:	Cayman Chemical Company	+1 (734)971-3335					
1.4	Emergency telephone nu		((000) (0 (0000					
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300					
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887					
		Section 2. Hazards Identific	ation					
.1	Classification of the Substance or Mixture:							
	Acute Toxicity: Oral, Category 3							
	Acute Toxicity: Oral, Ca	ategory 3						
	Acute Toxicity: Oral, Ca Serious Eye Damage/Ey							
2.2	-							
2.2	Serious Eye Damage/Ey							
2.2	Serious Eye Damage/Ey							
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2						
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed	ye Irritation, Category 2 Danger						
2.2	Serious Eye Damage/Ey Label Elements: OFIS Signal Word: GHS Hazard Phrases:	ye Irritation, Category 2 Danger						
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed	ye Irritation, Category 2 Danger re irritation.						
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed H319: Causes serious ey GHS Precaution Phrase P264: Wash {hands} thor	ye Irritation, Category 2 Danger						
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed H319: Causes serious ey GHS Precaution Phrase P264: Wash {hands} thor	ve Irritation, Category 2 Danger ve irritation.	on}.					
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed H319: Causes serious ey GHS Precaution Phrase P264: Wash {hands} thor	ye Irritation, Category 2 Danger re irritation. es: roughly after handling. loves/protective clothing/eye protection/face protecti	on}.					
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed H319: Causes serious ey GHS Precaution Phrase P264: Wash {hands} thor P280: Wear {protective g GHS Response Phrases P301+310: IF SWALLOW	ye Irritation, Category 2 Danger	/physician.					
2.2	Serious Eye Damage/Ey Label Elements: GHS Signal Word: GHS Hazard Phrases: H301: Toxic if swallowed H319: Causes serious ey GHS Precaution Phrase P264: Wash {hands} thor P280: Wear {protective g GHS Response Phrases P301+310: IF SWALLOW P305+351+338: IF IN EY	ye Irritation, Category 2 Danger	/physician.					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger	/physician.					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger	/physician.					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger // // // // // // // // // // // // //	/physician.					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger	/physician. Remove contact lenses, if present and easy					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger // // // // // // // // // // // // //	/physician. Remove contact lenses, if present and easy					
2.2	Serious Eye Damage/Ey Label Elements:	ye Irritation, Category 2 Danger	/physician. Remove contact lenses, if present and easy					
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e 2A: H319						
trained personnel.						
Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated						
ve eyes examined						
and tested by medical personnel.						
t 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.						
carbon dioxide, water, or dry chemical spray.						
exposed containers.						
g A solid water stream may be inefficient.						
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		Section 6. Accidental Release Measures					
6.1	Protective Precautions,	Avoid raising and breathing dust, and provide adequate ventilation.					
	Protective Equipment and	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:						
		Section 7. Handling and Storage					
7.1	Precautions To Be Taken	Avoid breathing dust/fume/gas/mist/vapours/spray.					
	in Handling:	Avoid prolonged or repeated exposure.					
7.2	Precautions To Be Taken	Keep container tightly closed.					
in Storing: Store in accordance with information listed on the product insert.							
	Secti	on 8. Exposure Controls/Personal Protection					
8.1	Exposure Parameters:						
8.2	Exposure Controls:	sure Controls:					
8.2.1	Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne					
	(Ventilation etc.):	evels below recommended exposure limits.					
8.2.2	8.2.2 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 equipped with an eyewash and a safety Wash thoroughly after handling.						
		No data available.					
	Se	ction 9. Physical and Chemical Properties					
9.1	Information on Basic Physi	cal and Chemical Properties					
	Physical States:	[]Gas []Liquid [X]Solid					
	Appearance and Odor:	A solid					
	pH:	No data.					
	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 or	mm No data.					
	Hg):						
	Vapor Density (vs. Air = 1):	No data.					
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	Specific Gravity (Water =	1):	No data.						
	Solubility in Water:		No data.						
	Solubility Notes:		Soluble in: DMSO (warmed); MeOH (warmed);						
	Octanol/Water Partition		No data.						
	Coefficient:								
	Autoignition Pt:		No data.						
	Decomposition Temperat	ure:	No data.						
	Viscosity:		No data.						
9.2	Other Information								
	Percent Volatile:		No data.						
	Molecular Formula & Wei	aht:	C17H20N4OS	328.4					
		-			Desetiv	:1			
			ection 10. Sta	ability and	Reactiv	ity			
10.1	Reactivity:		a available.						
10.2	Stability:		ble [] Stable [>	-					
10.3	Stability Note(s):	Stable	if stored in accordar	nce with informa	tion listed or	the product	insert.		
	Polymerization:	Will oc	cur [] Will not	occur [X]					
10.4	Conditions To Avoid:	No dat	a available.						
10.5	Incompatibility - Materials	s strong	oxidizing agents						
	To Avoid:								
10.6	Hazardous	carbor	n dioxide						
Decomposition or carbon monoxide									
Byproducts: hydrogen sulfide									
nitrogen oxides									
	Section 11. Toxicological Information								
11.1	Information on	The to	xicological effects of	this product hav	/e not been	thoroughly st	udied.		
	Toxicological Effects:		j			,			
CAS	# Hazardous Com	ponent	s (Chemical Name))	NTP	IARC	ACGIH	OSHA	
	241-36-9 Olanzapine Thiol				n.a.	n.a.	n.a.	n.a.	
							11.a.	11.a.	
		S	Section 12. Ec	cological In	formatio	on			
12.1	Toxicity:		release into the envi						
		Runoff	unoff from fire control or dilution water may cause pollution.						
12.2	Persistence and	No dat	a available.						
	Degradability:								
12.3	Bioaccumulative	No dat	a available.						
	Potential:								
12.4	Mobility in Soil:	a available.							
12.5	12.5 Results of PBT and vPvB No data available.								
assessment:									
12.6	Other adverse effects:	No dat	ta available						
12.0	Uner auverse elleuis.	ino udi	data available.						

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		Section 13. Dispos						
3.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.								
Section 14. Transport Information								
14.1 LAND T	RANSPORT (US	DOT):						
DOT Prope	r Shipping Name	Not dangerous goods.						
DOT Hazar								
UN/NA Number:								
	-	opean ADR/RID):						
UN Number	hipping Name:	Not dangerous goods.						
Hazard Cla								
14.3 AIR TRA	NSPORT (ICAO/	IATA):						
ICAO/IATA	Shipping Name:	Not dangerous goods.						
Additional Trar	nsport	Transport in accordance with lo	cal, state, and federal	regulations.				
Information:								
		Section 15. Regul	atory Informat	tion				
EPA SARA (Su	perfund Amendm	nents and Reauthorization Act of	of 1986) Lists					
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)			
1017241-36-9	Olanzapine Thiol	actam Impurity	No	No	No			
CAS #	Hazardous Com	ponents (Chemical Name)						
1017241-36-9	Olanzapine Thiol	actam Impurity	am Impurity CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No					
Regulatory Info	rmation	This SDS was prepared in acco	rdance with 29 CFR 1	910.1200 and Regul	ation (EC)			
Statement:		No.1272/2008.	No.1272/2008.					
		Section 16. Oth	ner Information	า				
Revision Date:		04/20/2019						
Additional Infor	mation 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.						