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		ording to Regulation (EC) No. 1907/2006 as amended by (B	·					
	Section 1.	Identification of the Substance/Mixture and of the	e Company/Undertaking					
.1	Product Code:	23765						
	Product Name:	Peramivir						
	Synonyms:	(1S,2S,3R,4R)-3-[(1S)-1-(acetylamino)-2-ethylb	outyl]-4-[(aminoiminomethyl)amino]-2-hydroxy-c					
		lopentanecarboxylic acid; BCX 1812; RWJ 270	201;					
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					
4	Emergency telephone nur	nber:						
	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					
2	Serious Eye Damage/Ey	n, Category 2 re Irritation, Category 2 oxicity (single exposure), Category 3						
.2	Serious Eye Damage/Ey Specific Target Organ T	re Irritation, Category 2						
2	Serious Eye Damage/Ey Specific Target Organ T Label Elements:	re Irritation, Category 2 oxicity (single exposure), Category 3						
2	Serious Eye Damage/Ey Specific Target Organ T Label Elements: GHS Signal Word:	re Irritation, Category 2						
2	Serious Eye Damage/Ey Specific Target Organ T Label Elements: GHS Signal Word: GHS Hazard Phrases:	re Irritation, Category 2 oxicity (single exposure), Category 3 Warning						
2	Serious Eye Damage/Ey Specific Target Organ T Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation	ve Irritation, Category 2 Foxicity (single exposure), Category 3 Warning						
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2	Serious Eye Damage/Ey Specific Target Organ T Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation H319: Causes serious eye H335: May cause respirat	e Irritation, Category 2 Foxicity (single exposure), Category 3 Warning on. e irritation. tory irritation.						
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ay								
2.3		e Human Health	Causes serious eye irritation.					
	Effects	and Symptoms:	Causes skin irritation.					
			Material may be irritating to the			spiratory tract.		
			May be harmful by inhalation	-	bsorption.			
			May cause respiratory syster		conerties have not	t been thoroughly investigated.		
		Sect	ion 3. Composition	.	•			
CAS	#/	1	oonents (Chemical Name)/ Concentration EC No./			GHS Classification		
RTEC		REACH Registrat			EC Index No.			
33060	00-85-6	Peramivir		100.0 %	NA	Skin Corr. 2: H315		
NA					NA	Eye Damage 2A: H319		
						STOT (SE) 3: H335 H336		
			Section 4. Fi	rst Aid Measu	ures			
4.1	Descrip	otion of First Aid						
	Measur	es:						
	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					
			-	dical attention. Do N	OT induce vomiti	ng unless directed to do so by		
			medical personnel.					
			Section 5. Fire	Fighting Mea	asures			
5.1	Suitable Extinguishing		Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.					
	Media:		Use water spray to cool fire-exposed containers.					
	Unsuita Media:	able Extinguishing	A solid water stream may be	inefficient.				
5.2		able Properties an	d No data available.					
	Hazard	•						
			No data available.					
	Flash P	't:	No data.					
	Explosi	ive Limits:	LEL: No data.	UEL: No da	ata.			
	Autoig	nition Pt:	No data.					
5.3	Fire Fig	hting Instructions	As in any fire, wear self-conta	ained breathing appa	aratus pressure-d	emand (NIOSH approved or		
	-		equivalent), and full protectiv					

Multi-region format



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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:	void 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.						
	Section	on 8. Exposure Controls/Personal Protection						
8.1	Exposure Parameters:							
8.2	Exposure Controls:							
8.2.1	Engineering Controls	Jse process enclosures, local exhaust ventilation, or other engineering controls to control airborne						
	(Ventilation etc.):	evels below recommended exposure limits.						
8.2.2	Personal protection equipr	nent:						
	Eye Protection:	Safety glasses						
	Protective Gloves:	Compatible chemical-resistant gloves						
	Other Protective Clothing:Lab coat							
	Respiratory Equipment	NOSH approved respirator, as conditions warrant.						
	(Specify Type):							
	Work/Hygienic/Maintenan							
		cacilities storing or utilizing this material should be equipped with an eyewash and a safety shower.						
		Vash thoroughly after handling.						
	I	lo data available.						
	Se	ction 9. Physical and Chemical Properties						
9.1	Information on Basic Physic	cal and Chemical Properties						
	Physical States:	[]Gas []Liquid [X]Solid						
	Appearance and Odor:	A crystalline 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	nm No data.						
	Hg): Vapor Donsity (vs. Air – 1):	No data						
	Vapor Density (vs. Air = 1):	No data.						
		Multi-region formation						



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	Specific	Gravity (Water =	1):	No data.						
	Solubility	y in Water:		No data.						
	Solubility	y Notes:		Soluble (slightly) in: EtOH; Me	OH;					
	Octanol/	Water Partition		No data.						
	Coefficie	ent:								
	Autoigni	tion Pt:		No data.						
	-	osition Temperat	Ire.	No data.						
	Viscosity	-		No data.						
0.2	Other Info									
9.2				NI 17						
	Percent			No data.						
	Molecula	ar Formula & Weig	gnt:	C15H28N4O4 328.4						
			S	ection 10. Stability a	Ind Rea	ctivit	y			
10.1	Reactivit	iy:	No dat	a available.						
10.2	Stability:	:	Unstat	ole [] Stable [X]						
10.3	Stability	Note(s):	Stable	if stored in accordance with inf	ormation list	ted on t	he product	insert.		
	Polymeri	ization:	Will oc	cur [] Will not occur [X]						
10.4	Conditio	ns To Avoid:	No dat	a available.						
10.5	Incompa	tibility - Materials	strona	oxidizing agents						
	To Avoid	-	5	3 4 3 4 3						
10.6	Hazardo		carbon	dioxide						
		osition or		monoxide						
	Byprodu			en oxides						
	Byprodu									
				ction 11. Toxicologi						
			The to:	xicological effects of this product have not been thoroughly studied.						
	Toxicolo	gical Effects:								
CAS #	CAS # Hazardous Componer		ponent	s (Chemical Name)	NTP		IARC	ACGIH	OSHA	
33060	00-85-6	Peramivir			n.a.		n.a.	n.a.	n.a.	
	Section 12. Ecological Information									
12.1 Toxicity: A		Avoid I	void release into the environment.							
		Runoff from fire control or dilution water may cause pollution.								
12.2				No data available.						
	Degradability:									
12.3			No dat	ata available.						
12.5	Potential		NU Uai							
12.4	2			o data available.						
12.5 Results of PBT and vPvB No da			No dat	data available.						
	assessm	ent:								
12.6	12.6 Other adverse effects: No of		No dat	o data available.						

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		Section 13. Dispos	sal Considera	ations			
3.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.							
		Section 14. Tran	sport Informa	ation			
14.1 LAND T	RANSPORT (US	DOT):					
-	er Shipping Name	Not dangerous goods.					
DOT Hazar							
UN/NA Nur 14.1 LAND T	nder: RANSPORT (Eur						
	hipping Name:	Not dangerous goods.					
UN Numbe							
Hazard Cla	ISS:						
	ANSPORT (ICAO/	-					
	Shipping Name:	Not dangerous goods.					
Additional Tra Information:	nsport	Transport in accordance with lo	ocal, state, and fede	ral regulations.			
		Section 15. Regu	latory Informa	ation			
	-	nents and Reauthorization Act	-	_			
CAS #		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)		
330600-85-6	Peramivir		No	No	No		
CAS #		ponents (Chemical Name)	Other US EPA or				
330600-85-6	Peramivir	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No					
Regulatory Info Statement:	ormation	This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.					
		Section 16. Oth	ner Informatio	on			
Revision Date:		12/16/2017					
Additional Information About		No data available.					
This Product: Company Policy or Disclaimer:		DISCLAIMER: This information currently available to us. However express or implied, with respect use. Users should make their of their particular purposes.	ver, we make no wa t to such information	rranty of merchanta , and we assume n	bility or any other warranty, o liability resulting from its		