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	according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008							
		Section 1.	Identification of the Substan	ice/Mixture and of t	the Company/Ur	ndertaking		
1.1	Product Product Synony	Name:	24263 Isopropyl U-47700 3,4-dichloro-N-((1R,2R)-2	2-(dimethylamino)cyc	clohexyl)-N-isopro	pylbenzamide;		
1.2	Relevan	t identified uses o	of the substance or mixture a	nd uses advised ag	gainst:			
	Releva	int identified uses	For research use only, no	ot for human or veter	inary use.			
1.3	Details o	of the Supplier of	the Safety Data Sheet:					
	Compa	any Name:	Cayman Chemical Comp 1180 E. Ellsworth Rd. Ann Arbor, MI 48108	any				
	Web s	ite address:	www.caymanchem.com					
	Inform	ation:	Cayman Chemical Comp	any	+1 (734	4)971-3335		
1.4	-	ncy telephone nui						
	Emerg	ency Contact:	CHEMTREC Within USA		-	0)424-9300		
			CHEMTREC Outside US	A and Canada:	+1 (703	3)527-3887		
			Section 2. Haz	zards Identific	cation			
2.1	Classifie	cation of the Subs	stance or Mixture:					
2.2	Label El	ements:						
	GHS S	ignal Word:	None					
	GHS H	lazard Phrases:						
	Based	on evaluation of co	urrently available data this sub	stance or mixture is r	not classifiable ac	cording to GHS.		
	GHS F	Precaution Phrase	s:					
	No phi	ases apply.						
		Response Phrases	S:					
	-	ases apply.						
		S Storage and Disposal Phrases:						
			for Storage and Section 13 for	-				
2.3	Adverse Human Health Material may be irritating to t					piratory tract.		
Effects and Symptoms: May be harmful by inhalation, ingestion, or ski May cause eye, skin, or respiratory system irri To the best of our knowledge, the toxicologica					•			
						been thoroughly investigated.		
		Sect	tion 3. Composition	/Information of	on Ingredier	nts		
CAS	#/	1	oonents (Chemical Name)/	Concentration	EC No./	GHS Classification		
RTE		REACH Registra		Concentration	EC Index No.	ono olassineation		
NA		Isopropyl U-47700		100.0 %	NA	No data available.		
NA					NA			
		-						



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		Section 4. First Aid Measures
4.1	Description of First Aid	
	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.
		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 cool fire-exposed containers.
	Unsuitable Extinguishing Media:	A solid water stream may be inefficient.
5.2	Flammable Properties an Hazards:	dNo data available.
		No data available.
	Flash Pt:	No data.
	Explosive Limits:	LEL: No data. UEL: No data.
	Autoignition Pt:	No data.
5.3	Fire Fighting Instructions	<b>s:</b> As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
		Section 6. Accidental Release Measures
6.1	Protective Precautions,	Avoid raising and breathing dust, and provide adequate ventilation.
	Protective Equipment an	d 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 Precautions:	Take steps to avoid release into the environment, if safe to do so.
6.3	Methods and Material Fo	r Contain spill and collect, as appropriate.
	Containment and Cleanir	hgTransfer to a chemical waste container for disposal in accordance with local regulations.
	Up:	
		Section 7. Handling and Storage
7.1	Precautions To Be Taker	Avoid breathing dust/fume/gas/mist/vapours/spray.
	in Handling:	Avoid prolonged or repeated exposure.
7.2	Precautions To Be Taker	Keep container tightly closed.
	in Storing:	Store in accordance with information listed on the product insert.
	Sec	tion 8. Exposure Controls/Personal Protection
8.1	Exposure Parameters:	

Multi-region format



	HIMICAL						
8.2	Exposure Controls:						
8.2.1	Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airbor					
	(Ventilation etc.):	evels below recommended exposure limits.					
8.2.2	Personal protection equipr	nent:					
	Eye Protection:	ety glasses					
	Protective Gloves:	mpatible 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 showe					
	l l l l l l l l l l l l l l l l l l l	Wash thoroughly after handling.					
	I	No data available.					
	Se	ction 9. Physical and Chemical Properties					
9.1		cal and Chemical Properties					
5.1	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	mm No data.					
	Hg):						
	Vapor Density (vs. Air = 1):	No data.					
	Specific Gravity (Water = 1	No data.					
	Solubility in Water:	No data.					
	Octanol/Water Partition	No data.					
	Coefficient:						
	Autoignition Pt:	No data.					
	Decomposition Temperatu	re: No data.					
	Viscosity:	No data.					
9.2	Other Information						
	Percent Volatile:	No data.					
	Molecular Formula & Weig	ht: C18H26Cl2N2O 357.3					

Multi-region format



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			Section 10. Stability	and Reacti	vity			
10.1	Reactivi	ty:	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.					
	Polymer	ization:	Will occur [ ] Will not occur [ X	]				
10.4	Conditio	ons To Avoid:	No data available.					
10.5 Incompatibility - Materials To Avoid:			s No data available.					
10.6 Hazardous Decomposition or			No data available.					
	Byprodu							
			Section 11. Toxicolog	ical Informa	ation			
11.1	Informat	ion on ogical Effects:	The toxicological effects of this prod			udied.		
CAS		- i	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
-	NA	Isopropyl U-4770		n.a.	n.a.	n.a.	n.a.	
		ļ.,,,						
			Soction 12 Ecologie	al Informat	ion			
			Section 12. Ecologic	cal Informat	ion			
12.1	Toxicity	:	Avoid release into the environment.					
	-		Avoid release into the environment. Runoff from fire control or dilution w					
12.1 12.2	Toxicity Persiste Degrada	nce and	Avoid release into the environment.					
	Persiste Degrada	nce and bility: mulative	Avoid release into the environment. Runoff from fire control or dilution w					
12.2	Persiste Degrada Bioaccu	nce and bility: mulative I:	Avoid release into the environment. Runoff from fire control or dilution w No data available.					
12.2 12.3	Persiste Degrada Bioaccu Potentia Mobility	nce and bility: mulative I: in Soil: of PBT and vPvB	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available.					
12.2 12.3 12.4	Persiste Degrada Bioaccu Potentia Mobility Results assessn	nce and bility: mulative I: in Soil: of PBT and vPvB	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available.					
12.2 12.3 12.4 12.5	Persiste Degrada Bioaccu Potentia Mobility Results assessn	nce and bility: mulative I: in Soil: of PBT and vPvB nent:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available.	ater may cause p	ollution.			
12.2 12.3 12.4 12.5	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac	nce and bility: mulative I: in Soil: of PBT and vPvB nent:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal	ater may cause p	ollution.			
12.2 12.3 12.4 12.5 12.6	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac	nce and bility: mulative I: in Soil: of PBT and vPvB nent: Iverse effects:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			
12.2 12.3 12.4 12.5 12.6	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac	nce and bility: mulative I: in Soil: of PBT and vPvB nent: Iverse effects:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal Dispose in accordance with local, st Section 14. Transpo	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			
12.2 12.3 12.4 12.5 12.6 13.1 14.1 D	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac Waste D LAND T DOT Prope	nce and ibility: mulative I: in Soil: of PBT and vPvB nent: Iverse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal Dispose in accordance with local, st Section 14. Transport	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			
12.2 12.3 12.4 12.5 12.6 13.1 14.1 D U	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac Waste D LAND T DOT Prope DOT Hazar	nce and ibility: mulative l: in Soil: of PBT and vPvB nent: lverse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class: nber:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal Dispose in accordance with local, st Section 14. Transpo DOT): Not dangerous goods.	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			
12.2 12.3 12.4 12.5 12.6 13.1 14.1 D U 14.1 A	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac Waste D LAND T DOT Prope DOT Hazar JN/NA Nun LAND T	nce and ibility: mulative l: in Soil: of PBT and vPvB nent: lverse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class: nber: RANSPORT (Euro hipping Name:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal Dispose in accordance with local, st Section 14. Transpo DOT): Not dangerous goods.	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			
12.2 12.3 12.4 12.5 12.6 13.1 14.1 D U 14.1 A U	Persiste Degrada Bioaccu Potentia Mobility Results assessn Other ac Waste D LAND T DOT Prope DOT Hazar JN/NA Num LAND T	nce and ibility: mulative I: in Soil: of PBT and vPvB nent: Iverse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class: nber: RANSPORT (Euro hipping Name: r:	Avoid release into the environment. Runoff from fire control or dilution w No data available. No data available. No data available. No data available. No data available. Section 13. Disposal Dispose in accordance with local, st Section 14. Transpo DOT): Not dangerous goods.	ater may cause p <b>Considerat</b> ate, and federal re	ollution. ions egulations.			

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14.3 AIR TRANSPORT (ICAO/IATA): ICAO/IATA Shipping Name: N

me: Not dangerous goods.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

Section 15. Regulatory Information

CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)		
NA	Isopropyl U-4770	Isopropyl U-47700		No	No		
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists				
NA	Isopropyl U-4770	Isopropyl U-47700		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Information Statement:		This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.					
		Section 16. Ot	her Informatio	on			
Revision Date:		02/13/2018					
Additional Information About This Product:		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.					