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		ording to Regulation (EC) No. 1907/2006 as amended by (e Company/I Indortaking
		dentification of the Substance/Mixture and of th	есопранующенакину
.1	Product Code:	22678	
	Product Name:	2-hydroxy Decanoic Acid	
	Synonyms:	2-hydroxy-decanoic acid;	
.2		the substance or mixture and uses advised aga	
	Relevant identified uses:	For research use only, not for human or vetering	nary use.
.3	Details of the Supplier of the	he Safety Data Sheet:	
	Company Name:	Cayman Chemical Company	
		1180 E. Ellsworth Rd.	
	Wab site address,	Ann Arbor, MI 48108	
	Web site address: Information:	www.caymanchem.com	1 (734)074 3335
		Cayman Chemical Company	+1 (734)971-3335
.4	Emergency telephone num		.4 (000) 404 0000
	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
.1	Classification of the Subst	ance or Mixture:	
2.2		e Irritation, Category 2 exicity (single exposure), Category 3	
2.2	Specific Target Organ To		
.2	Specific Target Organ To		
.2	Specific Target Organ To Label Elements: GHS Signal Word:		
.2	Specific Target Organ To Label Elements: GHS Signal Word: GHS Hazard Phrases:	oxicity (single exposure), Category 3 Warning	
.2	Specific Target Organ To Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritatio	oxicity (single exposure), Category 3 Warning n.	
.2	Specific Target Organ To Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritatio H319: Causes serious eye	wicity (single exposure), Category 3 Warning n. irritation.	
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Multi-region format

Section 4. First Aid Measures Section 4. First Aid Measures In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained person Get immediate medical attention. In Case of Skin Contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contamin 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 exam 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 the medical personnel. Section 5. Fire Fighting Measures 1 Suitable Extinguishing Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers. Unsuitable Extinguishing A solid water stream may be inefficient. Nedia: 2 Flammable Properties andNo data available. Hazards: No data. No data. UEL: No data. Autoignition Pt: No data.	2.3	Advers	se Human Health	Causes serious eye irritation						
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 investigate Section 3. Composition/Information on Ingredients As # / Hazardous Components (Chemical Name)/ Concentration EC No./ EC No./ 533-81-7 Decanoic add, 2-hydroxy- 100.0 % 611-068-1 Skin Corr. 2: H315 Eye Damage 2: H319 STOT (SE) 3: H335 STOT (SE) 3: H335 Section 4. First Aid Measures 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 person Get immediate medical attention. In Case of Skin Contact: Immediate medical attention. In Case of Skin Contact: Immediate medical attention. In Case of Lye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes exam 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 to medical personnel. In Case of Ingestion: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray		Effects and Symptoms:		Causes skin irritation.						
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 Media: Flammable Properties and No data available. Hazards: No data available. Flash Pt: No data. Explosive Limits: LEL: No data. Autoignition Pt: No data. Fire Fighting Instructions: sin any fire, wear self-contained by the subscription of the subscriptic of the subscriptic of the subscription of the subscription		Unsuit	able Extinguishing	A solid water stream may be						
Hazards: No data available. Flash Pt: No data. Explosive Limits: LEL: No data. Autoignition Pt: No data. S rise Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or self-contained breathing apparatus pressure-demand breatus pressure-demand				,						
No data available. Flash Pt: No data. Explosive Limits: LEL: No data. Autoignition Pt: No data. Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or pressure-demand or pressure-demand (NIOSH approved or pressure-demand or pressure-demand (NIOSH approved or pressure-demand or	5.2	Flamm	able Properties an	dNo data available.						
Flash Pt: No data. Explosive Limits: LEL: No data. Autoignition Pt: No data. Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or pressure-demand or pressure-demand (NIOSH approved or pressure-demand or pressure-demand (NIOSH approved or pressure-demand or pressur		Hazaro	ls:							
Explosive Limits: LEL: No data. UEL: No data. Autoignition Pt: No data. UEL: No data. 3 Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or approved				No data available.						
 Autoignition Pt: No data. Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or 		Flash I	Pt:	No data.						
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or		Explos	sive Limits:	LEL: No data.	UEL: No	data.				
		Autoig	nition Pt:	No data.						
	5.3	Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or								
	5.3	-		s: As in any fire, wear						



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		Section 6. Accidental Release Measures
6.1		Avoid raising and breathing dust, and provide adequate ventilation.
		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		Contain spill and collect, as appropriate.
	•	Transfer to a chemical waste container for disposal in accordance with local regulations.
	Up:	
		Section 7. Handling and Storage
7.1		Avoid breathing dust/fume/gas/mist/vapours/spray.
	in Handling:	Avoid prolonged or repeated exposure.
7.2		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:	
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 equip	nent:
	Eye Protection:	Safety glasses
	Protective Gloves:	Compatible chemical-resistant gloves
	Other Protective Clothing:	_ab 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 shower
		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 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.
		Multi-region forma



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	Specific Gravity (Water =	1): No data.						
	Solubility in Water:	No data.						
	Solubility Notes:	~0.33 mg/ml in a 1:2 soluti DMSO & DMF;	ion of DM	SO:PBS (pH	7.2); ~2.5 mg	ı∕ml in EtOH; ~	20 mg/ml in	
	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 & Weig	ght: C10H20O3 188.3						
		Section 10. Stability	y and	Reactivit	у			
10.1	Reactivity:	No data available.						
10.2	Stability:	Unstable [] Stable [X]						
10.3	Stability Note(s):	Stable if stored in accordance with	h informat	ion listed on t	he product in	sert.		
	Polymerization:	Will occur [] Will not occur [X]					
10.4	Conditions To Avoid:	No data available.						
10.5	Incompatibility - Materials	No data available.						
	To Avoid:							
10.6	Hazardous	carbon dioxide						
	Decomposition or	carbon monoxide						
	Byproducts:							
		Section 11. Toxicolo	ogical I	nformati	on			
11.1	Information on	The toxicological effects of this pro-	oduct hav	e not been th	oroughly stud	lied.		
	Toxicological Effects:							
CAS	# Hazardous Com	ponents (Chemical Name)		NTP	IARC	ACGIH	OSHA	
539	3-81-7 Decanoic acid, 2-	hydroxy-		n.a.	n.a.	n.a.	n.a.	
		Section 12. Ecolog	jical In	formatio	ſ			
12.1	Toxicity:	Avoid release into the environment	nt.					
		Runoff from fire control or dilution water may cause pollution.						
12.2	Persistence and	No data available.						
	Degradability:							
12.3	Bioaccumulative Potential:	No data available.						
12.4	Mobility in Soil:	No data available.						
12.5	Results of PBT and vPvB							
	assessment:							
12.6	Other adverse effects:	No data available.						



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CHEMICAL		Contine 40 Dist		tions.	
		Section 13. Dispos			
13.1 Waste D	isposal Method:	•		0	
		Section 14. Tran	sport Informa	ation	
14.1 LAND T	RANSPORT (US	DOT):			
-	er Shipping Name	: Not dangerous goods.			
DOT Hazar					
UN/NA Nur					
	RANSPORT (Eur				
	hipping Name:	Not dangerous goods.			
UN Numbe Hazard Cla					
	ANSPORT (ICAO/	1474).			
	Shipping Name:	Not dangerous goods.			
Additional Tra		Transport in accordance with lo	cal, state, and feder	al regulations	
Information:					
		Section 15. Regu	latory Inform	ation	
	inorfund Amende	· · · · · · · · · · · · · · · · · · ·	•		
CAS #		nents and Reauthorization Act	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
5393-81-7	Decanoic acid, 2	· · · ·	No	No	No
CAS #	1		Other US EPA or	-	
5393-81-7	Decanoic acid, 2	ponents (Chemical Name)			No; TSCA: No; CA
0000 01 7		пускоху	PROP.65: No		
Regulatory Info	u Drmation	This SDS was prepared in acco	I ordance with 29 CFR	1910.1200 and R	egulation (EC)
Statement:		No.1272/2008.			
		Section 16. Oth	ner Informatio	n	
Revision Date:		07/24/2017			
Additional Info	rmation About	No data available.			
This Product:					
Company Polic	y or Disclaimer:	DISCLAIMER: This information	is believed to be acc	curate and represe	nts the best information
		currently available to us. Howev		-	
use. Users should make		express or implied, with respect			
			own investigations to	determine the suit	ability of the information f
		their particular purposes.			

Multi-region format