

	This SDS complies with the US C	OSHA HCS 2012.		
	1. Product and Company	y Identification		
Product Code:	C000253			
Product Name:	PRO-Clear			
Company Name:	CalibreScientific US, Inc.	Phone Number:		
	1311 SE Cardinal Ct Suite 170	1 (360)260-2779		
	Vancouver, WA 98683			
Web site address:	Alphatecsystems.com			
Email address:	Regulatory@calibrescientific.com			
Emergency Contact:	INFOTRAC			
	International	00-1- (352)323-3500		
Information:	North America	1 (800)535-5053		
Intended Use:	For Laboratory Use: Xylene substitu			
Product List	PRO-Clear Product Codes: 0003336	6 and as components of 0003336S, 0004627.		
	2. Hazards Identi	fication		
Flammable Liquids, Category	y 3			
Skin Corrosion/Irritation, Cat	egory 2			
Skin Sensitization, Category				
Aquatic Toxicity (Acute), Cat				
Aquatic Toxicity (Chronic), C	ategory 1			
GHS Signal Word:	Warning			
GHS Hazard Phrases:				
GHS Hazaru Fillases.	H226 - Flammable liquid and vapor. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H400 - Very toxic to aquatic life.			
	H410 - Very toxic to aquatic life with	long lasting effects.		
GHS Precautionary Phrases:	P233 - Keep container tightly closed	J.		
	P210 - Keep away from heat/sparks	s/open flames/hot surfaces No smoking.		
	 P280 - Wear protective gloves/protective clothing/eye protection/face protection. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P243 - Take precautionary measures against static discharge. 			
	P243 - Take precautionary measure P242 - Use only non-sparking tools.	•		
	P264 - Wash hands thoroughly afte			
	P362+364 - Take off contaminated			
		61 - Avoid breathing dust/fume/gas/mist/vapors/spray.		
	P272 - Contaminated work clothing should not be allowed out of the workplace.			
	P273 - Avoid release to the environ	ment.		
GHS Response Phrases:	P370+378 - In case of fire, use carb	oon dioxide (CO2) powder or alcohol resistant foam to		
	extinguish.			
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all of				
	clothing. Rinse skin with water/shower.			
P302+352 - IF ON SKIN: Wash with plenty of soap and water.				
	P332+313 - If skin irritation occurs,	get medical advice/attention. occurs, seek medical advice/attention.		
	P391 - Collect spillage.	טיטעוס, ספרג ווופעונמו מעיונצימונצווווטוו.		
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		Supersedes Revision: 07/13/2021	
GHS Storage and Disposal Phrases:	P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents/container to safe area in accordance with state and local guidelines.		
Potential Health Effects (Acute and Chronic):	Chronic: In 2-year gavage studies, there was clear evidence of carcinogenic activity of d-limonene for male rats, as shown by increased incidences of tubular cell hyperplasia, adenomas, and adenocarcinomas of the kidney. There was NO evidence of carcinogenic activity of d-limonene for female rats, for male mice, or for female mice.		
Inhalation:	May cause respiratory tra	ct irritation.	
Skin Contact:	Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Prolonged and/or repeated contact may cause defatting of the skin and dermatitis.		
Eye Contact:	Causes eye irritation.		
Ingestion:	May cause digestive tract	disturbances.	
3	 Composition/Info 	ormation on Ingredients	
CAS # Hazardous Com	ponents (Chemical Name)	Concentration	
5989-27-5 (R)-1-Methyl-4-(1 {(R)-(+)-Limonen	I-methylethenyl)-cyclohexene e}	>=99.96 %	
25013-16-5 Butylated hydrox	yanisole {BHA}	< 0.04 %	
	4. First A	Aid Measures	
Emergency and First Aid			
Procedures:			
In Case of Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.		
In Case of Skin Contact:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical aid if symptoms occur. Wash clothing before reuse.		
In Case of Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur. Get medical aid.		
In Case of Ingestion:	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.		
Note to Physician:	Treat symptomatically and supportively.		
	5. Fire Figh	nting Measures	
Flash Point:	48.00 C		
Explosive Limits:	LEL: No data.	UEL: No data.	
Autoignition Pt:	255.00 C		
Suitable Extinguishing Medi	ia:Use water fog, dry chemic	al, carbon dioxide or alcohol type foam.	
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Containers may explode in the heat of a fire. Flammable liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. This liquid floats on water and may travel to a source of ignition and spread fire.		
Flammable Properties and Hazards:	No data available.		
Hazardous Combustion Products:	No data available.		
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	6. Accide	ntal Release	Measures	
Steps To Be Taken In Case Material Is Released Or Spilled:	6. Accidental Release Measures Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Forms smooth, slippery surfaces on floors, posing an accident risk. Remove all sources of ignition. Provide ventilation.			
	7. Ha	ndling and S	Storage	
Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep away from heat, sparks and flame. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing dust, mist, or vapor. Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Separate from oxidizing materials. Partially filled containers should be blanketed with nitrogen.			
8	-	ontrols/Pers	onal Protection	
CAS # Partial Chemical		OSHA TWA	ACGIH TWA	Other Limits
5989-27-5 (R)-1-Methyl-4-(1 exene {(R)-(+)-Li	-methylethenyl)-cycloh monene}	No data.	No data.	No data.
25013-16-5 Butylated hydroxy	anisole {BHA}	No data.	No data.	No data.
(Specify Type): Eye Protection: Protective Gloves: Other Protective Clothing: Engineering Controls (Ventilation etc.):	conditions warrant approved full-facep escape provisions. Wear chemical spla Wear appropriate p Wear appropriate p Facilities storing or	respirator use. We biece airline respira ash goggles. protective gloves to protective clothing utilizing this mate	EN 149 must be followed whe ear a NIOSH/MSHA or Europe ator in the positive pressure n o prevent skin exposure. to prevent skin exposure. rial should be equipped with a ation to keep airborne conce	ean Standard EN 149 node with emergency an eyewash facility and
	9. Physical	and Chemic	al Properties	
Physical States: Appearance and Odor: pH: Melting Point: Boiling Point: Flash Point: Evaporation Rate: Flammability (solid, gas): Explosive Limits: Vapor Pressure: Vapor Density (vs. Air=1): Specific Gravity (Water=1):	[] Gas [X] Lie Appearance: Clear No data. -74.00 C 175.00 C - 176.00 48.00 C No data. No data available. LEL: No data. No data. No data. No data. No data.	. Almost. colorless		
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	Superseues IV	evision: 07/13/2021
Density:	0.8400 G/ML	
Solubility in Water:	No data.	
Saturated Vapor Concentration:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	255.00 C	
Decomposition Temperature:	No data.	
Viscosity:	No data.	
	10. Stability and Reactivity	
Stability:	Unstable [] Stable [X]	
Conditions To Avoid - Instability:	ignition sources, Excess heat.	
Incompatibility - Materials To Avoid:	Strong oxidizing agents.	
Hazardous Decomposition or Byproducts:	r Carbon monoxide, irritating and toxic fumes and gases.	
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]	
Conditions To Avoid - Hazardous Reactions:	No data available.	
	11. Toxicological Information	
Toxicological Information:	No data available.	
Carcinogenicity/Other Information:	CAS# 5989-27-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.	
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No	
	12. Ecological Information	
General Ecological Information:	Environmental: May bioconcentrate in aquatic organisms and fish. Has soil and may rapidly volatilize in the atmosphere. Limonene can be read soil.Physical: No information available.Other: Dipentene, which is optically inactive limonene, is a marine pollution.	dily degraded in
	13. Disposal Considerations	
Waste Disposal Method:	Chemical waste generators must determine whether a discarded chem as a hazardous waste. US EPA guidelines for the classification determ in 40 CFR Parts 261. Additionally, waste generators must consult state hazardous waste regulations to ensure complete and accurate classific RCRA P-Series: None listed. RCRA U-Series: None listed.	ination are listed and local
	14. Transport Information	
GHS Classification:	Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor	
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	AlphaTec	SAFETY DATA SHEET PRO-Clear			Page: 5 of 5 Printed: 02/26/2025
		r I	AU-UITAI	Supers	Revision: 02/28/2025 edes Revision: 07/13/2021
		Skin Corrosion/Irritation, Ca Skin Sensitization, Category Aquatic Toxicity (Acute), Ca Aquatic Toxicity (Chronic), C	y 1 - Warning! May caus itegory 1 - Warning! Ver	uses skin irrita se an allergic s ry toxic to aqu	tion skin reaction atic life
LAND TRANS	SPORT (US DOT)	lasting effects :			
	er Shipping Nam		n.o.s.		
DOT Hazard Class:					
UN/NA Nu	mber:	UN2319	Packing Group	:	III
LAND TRAN	SPORT (Canadia	n TDG):			
••	ping Name:	DIPENTENE.			
UN Numbe Hazard Cla	-	UN2319 3 - FLAMMABLE LIQUIE	Packing Group D TDG Classifica		111
	ORT (ICAO/IATA				
ICAO/IATA UN Numbe Hazard Cla	-	: Terpene hydrocarbons, UN2319 3 - FLAMMABLE LIQUII	Packing Group	:	Ш
	d55.		ry Information		
FPA SARA (Si	uperfund Amendm	ents and Reauthorization Act			
CAS # Hazardous Components (Chemical Name) 5989-27-5 (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene {(R)-(+)-Limonene}		-	3 04 RQ	S. 313 (TRI) No	
25013-16-5	Butylated hydroxy	anisole {BHA}	No No	o	No
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists		
5989-27-5	{(R)-(+)-Limonene	-	CA PROP.65: No; MA Oil/HazMat: Yes - Cat.; NJ EHS: No; PA HSL: No		
25013-16-5	Butylated hydroxy	anisole {BHA}	CA PROP.65: Yes: Canc.; MA Oil/HazMat: Yes; NJ EHS: N PA HSL: No		zmat: Yes; NJ EHS: No;
		16. Other I	nformation		
Revision Dat	e:	02/28/2025	Previous revision	on:	07/13/2021
Additional In This Product		No data available.			
Document & Number	Change Control	SDS0059.E.			
Company Po Disclaimer:	licy or	Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.			
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