

Safety Data Sheet 6660384

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 04/01/2019 Version: 1.0

SECTION 1: Identification	of issue: 04/01/2019 Version: 1.0				
1.1. Identification					
Product form	: Substance				
Substance name	: 2,2'-(4,5,6-Trifluorobenzene-1,3-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)				
CAS No : 1073339-14-6					
Product code	: 6660-3-84				
Formula	: C18H25B2F3O4				
Other means of identification	: MFCD12407210				
	ubstance or mixture and uses advised against				
Use of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and development				
1.3. Details of the supplier of the safe	ety data sheet				
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlabs.					
1.4. Emergency telephone number					
Emergency number	: (844) 523-4086 (3E Company - Account 10069)				
SECTION 2: Hazard(s) identification	on				
2.1. Classification of the substance o					
Classification (GHS-US)					
Full text of H-phrases: see section 16 2.2. Label elements					
GHS-US labeling					
Hazard pictograms (GHS-US)	GHS07				
Signal word (GHS-US)	: Warning				
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation 				
Signal word (GHS-US) Hazard statements (GHS-US) Precautionary statements (GHS-US)	: H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation				

		P337	+P313 - If eye irritation persists: Get med	lical advice/atte	ntion	
		P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant				
.3.	Other hazards					
-	ional information available					
.4.	Unknown acute toxicity (GHS US)					
lot appli						
SECTIO	ON 3: Composition/information	n on in	aredients			
.1.	Substance		groatento			
Substanc		: Monc	p-constituent			
Name	,6-Trifluorobenzene-1,3-diyl)bis(4,4,5,5-tetram	othyl	Product identifier (CAS No) 1073339-14-6	% <= 100	Classification (GHS-US) Acute Tox. 4 (Oral), H302	
	oxaborolane)	etriyi-	(CAS NO) 1075359-14-0	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335	
ull text of	of H-phrases: see section 16		•			
3.2.	Mixture					
lot appli	cable					
SECTIO	ON 4: First aid measures					
.1.	Description of first aid measures					
irst-aid ı	measures general		se of accident or if you feel unwell, seek a possible). Move the affected personnel			
irst-aid ı	measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get immediate medical advice/attention.				
irst-aid ı	measures after skin contact		n with plenty of soap and water. Get imme			
irst-aid ı	measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.				
First-aid ı	measures after ingestion		OT induce vomiting. Never give anything h out with water. Get immediate medical			
.2.	Most important symptoms and effect		-			
Symptom	ns/injuries		nost important known symptoms and effe and/or in section 11.	ects are describ	ed in the labelling (see section	
.3.	Indication of any immediate medical	attentio	n and special treatment needed			
reat syn	nptomatically.					
SECTIO	ON 5: Firefighting measures					
.1.	Extinguishing media					
Suitable e	extinguishing media		nol resistant foam. Carbon dioxide. Dry popriate for surrounding fire.	owder. Water sp	oray. Use extinguishing media	
.2.	Special hazards arising from the sub	stance	or mixture			
ire haza	ard	: Therr	nal decomposition generates: Borane/bo	ron oxides. Car	bon oxides. Hydrogen fluoride.	
.3.	Advice for firefighters					
irefightir	ng instructions	: In case of fire: Evacuate area.				
-	n during firefighting		gas tight chemically protective clothing i ratus. For further information refer to sec			
SECTIO	ON 6: Accidental release meas	ures				
5.1.	Personal precautions, protective equ		and emergency procedures			
		: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.				
General r	measures	: Evac	uale unnecessary personnel. Ensure aut	equate all ventil		
	For non-emergency personnel	: Evac	uale unnecessary personnel. Ensure auc			

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Protective equipment

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6.1.2. For emergency responders

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containm	ent and cleaning up
For containment	: Stop leak if safe to do so.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.
Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4. Reference to other sections	
No additional information available	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Ensure good

· · · · · · · · · · · · · · · · · · ·	ventilation of the work station. Do not breathe dust, mist, spray. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includi	ng any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.

: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Storage area

No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	: Protective gloves. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	 In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and o	chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available

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Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 384.006 g/mol
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No addi	tional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
Keep av	way from heat, sparks and flame.
10.5.	Incompatible materials
Haloger	ns. Mineral acids. Oxidizing agents.
10.6.	Hazardous decomposition products
	normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of e Section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Oral: Harmful if swallowed.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

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12.2.	Persistence and degradability			
No add	ditional information available			
12.3.	Bioaccumulative potential			
No add	ditional information available			
12.4.	Mobility in soil			
No add	ditional information available			
12.5.	Other adverse effects			
No odd	ditional information available			

13.1. Waste treatment methods	
Waste treatment methods	: Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.
Waste disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Recycle the material as far as possible.

SECTION 14: Transport information

SECTION 13: Disposal considerations

Department of Transportation (DOT)

In accordance with DOT Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

2,2'-(4,5,6-Trifluorobenzene-1,3-diyl)bis(4,4,5,5-tetramethyl-1,3,2-	CAS No 1073339-14-6	100%
dioxaborolane)		

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

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Full text of H-phrases:	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
NFPA health hazard NFPA fire hazard NFPA reactivity	 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. 1 - Must be preheated before ignition can occur. 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
Flammability	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.