

Safety Data Sheet 6H60107

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/05/2019 Version: 1.0

SECTION 1: Identification				
1.1. Identification				
Product form	: Substance			
Substance name	: 4,4,5,5-Tetramethyl-2-(1,4-dioxaspiro[4.5]dec-7-en-7-yl)-1,3,2-dioxaborolane			
CAS No	: 1049730-46-2			
Product code	: 6H60-1-07			
Formula	: C14H23BO4			
Synonyms	: 2-{1,4-Dioxaspiro[4.5]dec-7-en-7-yl}-4,4,5,5-tetramethyl-1,3,2-dioxaborolane			
Other means of identification	: MFCD11110349			
1.2. Relevant identified uses of the	substance 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 sa	fety data sheet			
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Ameri T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlab				
1.4. Emergency telephone number				
Emergency number	: (844) 523-4086 (3E Company - Account 10069)			
Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirato				
Full text of H-phrases: see section 16				
2.2. Label elements				
2.2. Label elements GHS-US labeling				
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	: CHS07			

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		Store locked up Dispose of contents/container to an ap	proved waste c	lisposal plant
2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/information	on ing	redients		
3.1. Substance				
ubstance type : Mono-constituent				
Name		Product identifier	%	Classification (GHS-US)
4,4,5,5-Tetramethyl-2-(1,4-dioxaspiro[4.5]dec-7-en-7-yl dioxaborolane (Main constituent)	)-1,3,2-	(CAS No) 1049730-46-2	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Full text of H-phrases: see section 16				
3.2. Mixture				
Not applicable				
SECTION 4: First aid measures				
4.1. Description of first aid measures				
J	where	e of accident or if you feel unwell, seek possible). Move the affected personnel	away from the	contaminated area.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get medical advice/attention.			
		with plenty of soap and water. Get medi		
	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.			
rst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.				
4.2. Most important symptoms and effect	s, both a	cute and delayed		
Symptoms/injuries		ost important known symptoms and effe d/or in section 11.	ects are describ	ed in the labelling (see section
4.3. Indication of any immediate medical	attention	and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media		l resistant foam. Carbon dioxide. Dry po riate for surrounding fire.	owder. Water s	pray. Use extinguishing media
5.2. Special hazards arising from the sub-	stance or	mixture		
Fire hazard	: Therma	al decomposition generates: Borane/bo	ron oxides. Ca	rbon oxides.
5.3. Advice for firefighters				
Firefighting instructions	: In case	e of fire: Evacuate area.		
Protection during firefighting		pas tight chemically protective clothing i tus. For further information refer to sect		
SECTION 6: Accidental release meas				
6.1. Personal precautions, protective equ		- · · ·		
General measures	: Evacua	ate unnecessary personnel. Ensure ade	quate air ventil	ation. Do not breathe dust.
6.1.1. For non-emergency personnel Emergency procedures		ualified personnel equipped with suitabl	e protectivo og	uinment may intervene
	. Only q		e protective eq	upment may intervene.
6.1.2. For emergency responders Protective equipment		attempt to take action without suitable		pment. For further information
	refer to	e section 8: "Exposure controls/persona	protection".	
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6.2. Environmental precautions	
Avoid release to the environment. Notify	authorities if product enters sewers or public waters.
6.3. Methods and material for cor	ntainment 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 stor	age
7.1. Precautions for safe handling	g
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,	including 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.
Incompatible materials	
Storage conditions Incompatible materials Storage area SECTION 8: Exposure controls	<ul><li>Refer to Section 10 on Incompatible Materials.</li><li>Store in dry, cool, well-ventilated area.</li></ul>
Incompatible materials Storage area SECTION 8: Exposure controls 8.1. Control parameters	<ul><li>Refer to Section 10 on Incompatible Materials.</li><li>Store in dry, cool, well-ventilated area.</li></ul>
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Incompatible materials Storage area SECTION 8: Exposure controls 8.1. Control parameters No additional information available 8.2. Exposure controls Appropriate engineering controls Hand protection	<ul> <li>Refer to Section 10 on Incompatible Materials.</li> <li>Store in dry, cool, well-ventilated area.</li> </ul> S/personal protection : 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.
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Melting point

Boiling point

Flash point

Freezing point

Explosion limits

Vapor pressure

Explosive properties

Oxidizing properties

Flammability (solid, gas)

Relative evaporation rate (butyl acetate=1)

: No data available

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Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 266.141 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 add	itional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No add	itional information available
10.4.	Conditions to avoid
Keep a	way from heat, sparks and flame.
10.5.	Incompatible materials
~	

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Causes skin irritation.	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitization · Not classified		

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

SECTIO	ON 12: Ecological information
12.1.	Toxicity
No additi	onal information available
12.2.	Persistence and degradability
No additi	onal information available
12.3.	Bioaccumulative potential
No additi	onal information available

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#### 12.4. Mobility in soil

#### No additional information available

#### 12.5. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	ne		
13.1. Waste treatment methods			
Waste treatment methods Waste disposal recommendations Additional information	: Dispose of conte		h an afterburner and a flue gas scrubber. licensed collector's sorting instructions.
SECTION 14: Transport informatior	1		
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	n		
5.1. US Federal regulations All components of this product are listed, or e. Substances Control Act (TSCA) inventory exc		on the United States Environmenta	I Protection Agency Toxic
4,4,5,5-Tetramethyl-2-(1,4-dioxaspiro[4.5]dec dioxaborolane	-7-en-7-yl)-1,3,2-	CAS No 1049730-46-2	100%
This product or mixture does not contain a tox CFR §372.38(a) subject to the reporting requi 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:			
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		
H315	Causes skin irritation		
H319	Causes serious eye irritation		
H335	May cause respiratory irritation		
NFPA health hazard	<ul> <li>: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.</li> <li>: 1 - Must be preheated before ignition can occur.</li> </ul>		
NFPA reactivity	<ul> <li>O - Normally stable, even under fire exposure conditions, and are not reactive with water.</li> </ul>		
IMIS III Rating			
lealth	: 2 Moderate Hazard - Temporary or minor injury may occur		
Flammability	<ul> <li>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)</li> </ul>		
nysical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and 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.