

Safety Data Sheet 66603T0 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/05/2015 Version: 1.0

SECTION 1: Identification	
Product form	: Substance
Substance name	: 4-(Ethoxycarbonyl)-3-fluorobenzeneboronic acid
AS No	: 874288-38-7
Product code	: 6660-3-T0
	: C9H10BFO4
ormula	
other means of identification	: MFCD06656274
	ubstance or mixture and uses advised against
Ise of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and development
.3. Details of the supplier of the safe	ety data sheet
SynQuest Laboratories, Inc. P.O. Box 309 Nachua, FL 32615 - United States of Americ <sup>-</sup> (386) 462-0788 - F (386) 462-7097 <u>Nfo@synquestlabs.com</u> - <u>www.synquestlabs</u>	
.4. Emergency telephone number	
mergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	on
.1. Classification of the substance of	
Classification (GHS-US)	
STOT SE 3 H335 - May cause respiratory	
Full text of H-phrases: see section 16	
Full text of H-phrases: see section 16	
Full text of H-phrases: see section 16	
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	: GHS07 : Warning
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling	T T GHS07

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2.3. Other hazards	, maron 20			
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/informatic	on on in	gredients		
3.1. Substance				
Substance type	: Mono	o-constituent		
Name		Product identifier	%	Classification (GHS-US)
4-(Ethoxycarbonyl)-3-fluorobenzeneboronic acid (Main constituent)		(CAS No) 874288-38-7	<= 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				
First-aid measures general	wher	se of accident or if you feel unwell, s e possible). Move the affected perso	onnel away from the	contaminated area.
First-aid measures after inhalation	respi	ove person to fresh air and keep cor ration. Get medical advice/attention.		
First-aid measures after skin contact		n with plenty of soap and water. Get		
First-aid measures after eye contact	prese	ediately flush eyes thoroughly with went and easy to do. Continue rinsing	. Get medical advice	e/attention.
First-aid measures after ingestion		OT induce vomiting. Never give any h out with water. Get medical advice		n unconscious person. Rinse
4.2. Most important symptoms and effe	ete hoth			
Symptoms/injuries	: The r 2.2) a	nost important known symptoms an and/or in section 11.	d effects are describ	bed in the labelling (see section
Symptoms/injuries 4.3. Indication of any immediate medica Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media	: The r 2.2) a	most important known symptoms an and/or in section 11. In and special treatment needed		
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Symptoms/injuries         4.3.       Indication of any immediate medical         Treat symptomatically.         SECTION 5: Firefighting measures         5.1.       Extinguishing media         Suitable extinguishing media         5.2.       Special hazards arising from the sures         Fire hazard         5.3.       Advice for firefighters         Protection during firefighting         SECTION 6: Accidental release mea         6.1.       Personal precautions, protective ed         General measures         6.1.1.       For non-emergency personnel         Emergency procedures         6.1.2.       For emergency responders         Protective equipment         6.2.       Environmental precautions	: The r 2.2) a al attention : Alcohappro ibstance : Thern : Do no sures upment : Evac breat : Only : Do no refer ties if proc	most important known symptoms an and/or in section 11. In and special treatment needed nol resistant foam. Carbon dioxide. E opriate for surrounding fire. or mixture mal decomposition generates: Borar ot attempt to take action without suit to section 8: "Exposure controls/per and emergency procedures uate unnecessary personnel. Ensur- he dust. qualified personnel equipped with suit to section 8: "Exposure controls/per duct enters sewers or public waters.	Dry powder. Water s ne/boron oxides. Ca able protective equi sonal protection". e adequate air venti uitable protective equi able protective equi	pray. Use extinguishing media rbon oxides. Hydrogen fluoride. pment. For further information lation. Avoid raising dust. Do not

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Other information		: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".	
6.4.	Reference to other sections		
No addi	tional information available		
SECT	ON 7: Handling and storage	je	
7.1.	Precautions for safe handling		
Precaut	ions for safe handling	: Ensure good ventilation of the work station. Do not breathe dust. Avoid raising dust. 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, in	cluding any incompatibilities	
Storage	conditions	: Keep container tightly closed.	
Incompa	atible materials	: Refer to Section 10 on Incompatible Materials.	
Storage	area	: Store in dry, cool, well-ventilated area.	

## 8.1. Control parameters

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.
Eye protection	: Chemical goggles or safety glasses. Face shield.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.

## **SECTION 9: Physical and chemical properties**

0.1 Information on basic physical and chamical propertie

10/00/0010		2/
Viscosity, dynamic	: No data available	
Viscosity, kinematic	: No data available	
Viscosity	: No data available	
Decomposition temperature	: No data available	
Auto-ignition temperature	: No data available	
Log Pow	: No data available	
Solubility	: No data available	
Molecular mass	: 211.98 g/mol	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Vapor pressure	: No data available	
Oxidizing properties	: No data available	
Explosive properties	: No data available	
Explosion limits	: No data available	
Flammability (solid, gas)	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flash point	: No data available	
Boiling point	: No data available	
Freezing point	: No data available	
Melting point	: 158 - 161	
pH	: No data available	
Odor threshold	: No data available	
Odor	: No data available	
Color	: No data available	
Physical state	: Solid	

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9.2.	Other information
-	onal information available
NU auuli	
SECTI	ON 10: Stability and reactivity
10.1.	Reactivity
No additi	onal information available
10.2.	Chemical stability
The prod	luct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No additi	onal information available
10.4.	Conditions to avoid
No additi	onal information available
10.5.	Incompatible materials
No additi	onal information available
10.6.	Hazardous decomposition products
	ormal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of Section 5.

SECTI	ON 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
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
12.2. Persistence and degradability
No additional information available
12.3. Bioaccumulative potential
No additional information available
12.4. Mobility in soil
No additional information available
12.5. Other adverse effects
No additional information available

SECTION 13: Disposal considerations		
13.1.	Waste treatment methods	
Waste tre	eatment 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.

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## SECTION 14: Transport information

### **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: 4-(Ethoxycarbonyl)-3-fluorobenzeneboronic acid

CAS No 874288-38-7 100% 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**

#### 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

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given. 0 NFPA fire hazard : 0 - Materials that will not burn. : 0 - Normally stable, even under fire exposure conditions, NFPA reactivity 0 and are not reactive with water.

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HMIS III Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 0 Minimal Hazard - Materials that will not burn
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.