

Safety Data Sheet 86603U4

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Version: 1.0

Date of issue: 10/05/2015

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 4-Fluoro-3-(isopropylcarbamoyl)benzeneboronic acid
CAS No Product code	: 874219-21-3 : 8660-3-U4
Formula	: C10H13BFNO3
Other means of identification	: MFCD08235040
1.2. Relevant identified uses of the subs	stance 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 safety	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.com 1.4. Emergency telephone number	<u>m</u>
	(044) 522 4086 (25 Company Account 10060)
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or n	
Classification (GHS-US)	
Skin Irrit. 2 H315 - Causes skin irritation	tion
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P501 - Dispose of contents/container to an approved waste disposal plant

3.2. Mixture Vot applicable SECTION 44 First aid measures First-aid measures general : In case of accident or If you feel unwell, seek medical advice immediately (show the label where 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 antificial respiration. Get medical advice/attention. First-aid measures after eye contact : Wash with plenty of scap and water. Get medical advice/attention. First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to d. Continue rinsing, Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouths on unconscious person. Rinse mouth out with water. Get medical advice/attention. 4.2. Most important symptoms and effects, both actue and delayded Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 4.3. Indication of any Immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting media Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. S.1 Extingui	c.J.	Other hazards				
24 Unknown acute toxicity (GHS US) Not applicable Status SecTION 3: Composition/information on ingredients Incention of the status Substance Product identifier % Classification (GHS-US) Substance/sub	-					
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Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 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 Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Borane/boron oxides. Carbon oxides. Hydrogen fluoride. Nitrogen oxides. 5.3. Advice for firefighters : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust. 6.1. For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. 6.1.2. For emergency responders : Only qualified personnel equipped with suitable protective equipment. For further information breathe dust.						
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6.3.	6.3. Methods and material for containment and cleaning up			
Methods for cleaning up		: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.		
Other in	formation	: 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	: 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, includi	ng any incompatibilities
Storage conditions	: Keep container tightly closed.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.

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

SECTION 8: Exposure controls/personal protection

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

9.1. Information on basic physical and	d chemical properties		
Physical state	: Solid		
Color	: No data available		
Odor	: No data available		
Odor threshold	: No data available		
рН	: No data available		
Melting point	: 263 - 265 °C		
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		
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	: 225.02 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		
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Viscosity	y, kinematic	: No data available
Viscosity	y, dynamic	: No data available
9.2.	Other information	
No addit	tional information available	
SECTI	ON 10: Stability and reactiv	vity
10.1.	Reactivity	
No addit	tional information available	
10.2.	Chemical stability	
The proc	duct is stable at normal handling and	d storage conditions.
10.3.	Possibility of hazardous reactio	ns
No addit	tional information available	
10.4.	Conditions to avoid	
No addit	tional information available	
10.5.	Incompatible materials	
No addit	tional information available	
10.6.	Hazardous decomposition prod	ucts
	ormal conditions of storage and use, Section 5.	, hazardous decomposition products should not be produced. Hazardous decomposition products in case
SECTI	ON 11: Toxicological inforr	nation
11.1.	Information on toxicological effe	acts

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	N 12: Ecological information
12.1. To	oxicity
No addition	al information available
12.2. P	ersistence and degradability
No addition	al information available
12.3. B	ioaccumulative potential
No addition	al information available
12.4. M	lobility in soil
No addition	al information available
12.5. O	other adverse effects
No addition	al information available

SECTI	ON 13: Disposal consideration	S
13.1.	Waste treatment methods	
Waste tr	eatment methods	: Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.

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Waste disposal recommendations

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

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 (13CA) inventory exception.			
	4-Fluoro-3-(isopropylcarbamoyl)benzeneboronic acid	CAS No 874219-21-3	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:

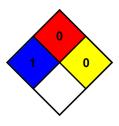
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard NFPA reactivity

- : 0 Materials that will not burn.
 : 0 Normally stable, even under fire exposure conditions,
 - 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.