

# 2-Fluoro-4-trifluoromethoxybenzeneboronic acid

Safety Data Sheet 6660379 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/05/2015 Version: 1.0

1       Identification         roduut form       : Substance         Volume tool       : Substance <th>SECTION 1: Identification</th> <th></th>	SECTION 1: Identification		
ubustance name       : 2. Fluoro 4. tirtluoromethoxybenzeneboronic acid         AS No       : 503309-10-2         torbuct code       : 6660-3-73         ormula       : C7HSBF403         yonymym       :: [2. Fluoro 4. tiftluoromethoxybpenytboronic acid         ther means of identification       :: MFCD11040275         2. Relevant identified uses of the substance or mixture and uses advised against         ise of the substance/mixture       :: Maortage.ture of substances         signified of the subplier of the safety data sheet       : Manufacture of substances         improvest Laboratory chemicals       : Manufacture of substances         (2.89 Ad2-0789. F. (286) 462-7097       : Mavatage.ture of substance         (287) Wall substance or mixture       : Manufacture of substance         (288) Ad2-0789. F. (286) 462-7097       : Mavatage.ture of substance         (289) Wall substance or mixture       : Mavatage.ture of substance         Constition of the substance or mixture       : Mavatage.ture of substance         Constition of Maxeuse status exitos exit			
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Ind@synquestlabs.com         4.       Emergency telephone number         mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(2) identification         1.       Classification of the substance or mixture         tassification (GHS-US)         kin Inti. 2       H315 - Causes skin initiation         Yorn 2A       H319 - Causes serious eye iritation         TOT SE 3       H335 - May cause respiratory iritation         Ull text of H-phrases: see section 16		ca	
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Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.2 Other hererde				
2.3. Other hazards No additional information available				
2.4. Unknown acute toxicity (GHS US) Not applicable				
SECTION 3: Composition/information	on In	gredients		
3.1. Substance				
Substance type	: Mono	-constituent		
Name		Product identifier	%	Classification (GHS-US)
2-Fluoro-4-trifluoromethoxybenzeneboronic acid (Main constituent)		(CAS No) 503309-10-2	<= 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				
First-aid measures general		e of accident or if you feel unwell, seek r possible). Move the affected personnel		
First-aid measures after inhalation		ve person to fresh air and keep comforta ation. Get medical advice/attention.	able for breathing	g. If not breathing, give artificial
First-aid measures after skin contact	: Wash	with plenty of soap and water. Get medi	cal advice/attent	tion.
First-aid measures after eye contact		diately flush eyes thoroughly with water f nt and easy to do. Continue rinsing. Get		
First-aid measures after ingestion		DT induce vomiting. Never give anything out with water. Get medical advice/atter		unconscious person. Rinse
4.2. Most important symptoms and effect	s, both a	acute and delayed		
Symptoms/injuries		nost important known symptoms and effe nd/or in section 11.	ects are describe	ed in the labelling (see section
4.3. Indication of any immediate medical	attentio	n and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media		ol resistant foam. Carbon dioxide. Dry po priate for surrounding fire.	owder. Water sp	ray. Use extinguishing media
5.2. Special hazards arising from the sub-	stance	or mixture		
Fire hazard		nal decomposition generates: Borane/bo	ron oxides. Carb	oon oxides. Hydrogen fluoride.
5.3. Advice for firefighters		····· - · · · · · · · · · · · · · · · ·		
Protection during firefighting		t attempt to take action without suitable o section 8: "Exposure controls/personal		ment. For further information
SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equipment and emergency procedures				
General measures		late unnecessary personnel. Ensure ade ne dust.	quate air ventila	tion. Avoid raising dust. Do not
6.1.1. For non-emergency personnel	0.1			
Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 6.1.2. For emergency responders				
Protective equipment				ment. For further information
6.2. Environmental precautions				
Avoid release to the environment. Notify authoritie	s if prod	uct enters sewers or public waters.		
6.3. Methods and material for containment and cleaning up				
Methods for cleaning up	: Swee	p or shovel spills into appropriate contair	ner for disposal.	Minimize generation of dust.

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

Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".	
6.4. Reference to other section	S	
No additional information available		
SECTION 7: Handling and sto	brage	
7.1. Precautions for safe handl	ing	
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	e, including 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.	

#### **Control parameters** 8.1.

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

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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	: 223.92 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	: 114 - 116 °C	
pH	: No data available	
Odor threshold	: No data available	
Odor	: No data available	
Color	: No data available	
Physical state	: Solid	

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

9.2.	Other information					
No additi	No additional information available					
SECTI	ON 10: Stability and reactivity					
10.1.	Reactivity					
No additi	onal information available					
10.2.	Chemical stability					
The proc	luct is stable at normal handling and storage conditions.					
10.3.	Possibility of hazardous reactions					
No additi	ional information available					
10.4.	Conditions to avoid					
No additi	ional information available					
10.5.	Incompatible materials					
No additi	ional 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.					

SECT	ION 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			
3.1. Waste treatment methods			
Vaste treatment methods	: Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.		
Vaste disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		

### Safety Data Sheet

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

#### **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:

2-Fluoro-4-trifluoromethoxybenzeneboronic acid

2-Fluoro-4-trifluoromethoxybenzeneboronic acid	CAS No 503309-10-2	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			

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#### NFPA health hazard

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

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

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.