

Safety Data Sheet 86603P5 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		
	0. holour	
Product form	: Substance	
Substance name	: 2,4-Difluoro-5-nitrobenzeneboronic acid	
CAS No	: 325786-11-6	
Product code	: 8660-3-P5	
formula	: C6H4BF2NO4	
Other means of identification	: MFCD03095253	
	substance or mixture and uses advised against	
Jse of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and development	
.3. Details of the supplier of the saf	ety data sheet	
SynQuest Laboratories, Inc.		
P.O. Box 309		
Jachua, FL 32615 - United States of Americ (386) 462-0788 - F (386) 462-7097 nfo@synguestlabs.com - www.synguestlabs		
.4. Emergency telephone number		
mergency number	: (844) 523-4086 (3E Company - Account 10069)	
ECTION 2: Hazard(s) identificati		
.1. Classification of the substance of	or mixture	
TOT SE 3 H335 - May cause respirator Full text of H-phrases: see section 16	y initation	
2.2. Label elements		
2.2. Label elements GHS-US labeling		
GHS-US labeling	: CHSO7	
GHS-US labeling lazard pictograms (GHS-US)		
	: GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation	

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3.2. Mixture Not applicable SECTION 4: First ald measures First-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show 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, respiration. Get medical advice/attention. First-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove cor present and easy to do. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious persmouth out with water. Get medical advice/attention. 4.2. Most important symptoms and effects, both acute and delayed : Z.2) and/or in section 11. 4.3. Indication of any immediate medical attention and special treatment needed : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture : Thermal decomposition generates: Borane/boron oxides. Carbon oxides. Hydrog Nitrogen oxides. 5.3. Advice for firetighters				
24. Unknown acute toxicity (GHS US) Vot applicable Substance SECTION 3: Composition/information on ingredients Substance Substance type : Mono-constituent Name Product identifier % Classification ((Substance) 2.4.0flucor-S-introbergeneboronic add (CAS No) 325786-11-6 <= 100 Stin Int 7, 14135 2.4.0flucor-S-introbergeneboronic add (CAS No) 325786-11-6 <= 100 Stin Int 7, 24135 Stut particible Int case of accident or if you feel unwell, seek medical advice immediately (show where possible). Move the affected personnel away from the contaminated area irrst-aid measures after inhalation : In case of accident or if you feel unwell, seek medical advice/attention. Strat-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. : Inmediately (fush ow where possible). Move the affected personnel away from the contaminated area irrst-aid measures after singestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious persi- mouth out with water. Get medical advice/attention. : The most important symptoms and effects, both acute and delayed : Do NOT induce vomiting. Never give anything by mouth to an unconscious persi- mouth out with water. Get medical advice/attention. : Do NOT induce or summortant symptoms and effects are described in the labelling (2.2) and/or in section 11. . Indication of any immedia				
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6.1. Personal precautions, protective equipment and emergency procedures	nformation			
General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising breathe dust.	; dust. Do not			
6.1.1. For non-emergency personnel				
Emergency procedures : Only qualified personnel equipped with suitable protective equipment may interv	'ene.			
6.1.2. For emergency responders				
Protective equipment : Do not attempt to take action without suitable protective equipment. For further in refer to section 8: "Exposure controls/personal protection".				

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

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6.3. Methods and material	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 information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".		
6.4. Reference to other sec	tions		
No additional information available			
SECTION 7: Handling and	l storage		
7.1. Precautions for safe h	andling		
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, including	ng any incompatibilities
Storage	conditions	: Keep container tightly closed.
Incompa	tible 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

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	: 225 - 227 °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	: 202.91 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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Viscosi	ty, kinematic	: No data available	
Viscosi	ty, dynamic	: No data available	
9.2.	Other information		
No additional information available			
SECT	ION 10: Stability and reactivit	у	
10.1.	Reactivity		
No add	itional information available		
10.2.	Chemical stability		
The pro	oduct is stable at normal handling and s	torage conditions.	
10.3.	Possibility of hazardous reactions		
No additional information available			
10.4.	Conditions to avoid		
No additional information available			
10.5.	Incompatible materials		
No additional information available			
10.6.	Hazardous decomposition produc	ts	
	normal conditions of storage and use, h e Section 5.	azardous decomposition products should not be produced. Hazardous decomposition products in case of	
SECT	ION 11: Toxicological information	ation	
11.1.	Information on toxicological effect	ts	

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

SECT	10N 42: Ecological information
SECI	ION 12: Ecological information
12.1.	Toxicity
No add	itional information available
12.2.	Persistence and degradability
No add	itional information available
12.3.	Bioaccumulative potential
No add	itional information available
12.4.	Mobility in soil
No add	itional information available
12.5.	Other adverse effects
No add	itional 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.	

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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 (TSCA) inventory except for:

2,4-Difluoro-5-nitrobenzeneboronic acid

CAS No 325786-11-6

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:

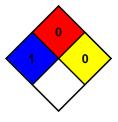
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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.



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.