

4-(2-Bromoallyl)-1,2-difluorobenzene Safety Data Sheet 1900B08 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 04/25/2017 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 4-(2-Bromoallyl)-1,2-difluorobenzene
CAS No	: 842140-34-5
Product code	: 1900-B-08
ormula	: C9H7BrF2
Synonyms	: 4-(2-Bromoprop-2-en-1-yl)-1,2-difluorobenzene
Other means of identification	: MFCD06201205
	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 sa	afety data sheet
SynQuest Laboratories, Inc.	
P.O. Box 309	
Alachua, FL 32615 - United States of Ameri	ica
(386) 462-0788 - F (386) 462-7097 nfo@synguestlabs.com - www.synguestlab	os com
.4. Emergency telephone number	
mergency number	: (844) 523-4086 (3E Company - Account 10069)
mergency number	. (044) 323-4000 (SE Company - Account 10003)
SECTION 2: Hazard(s) identificat	tion
Classification of the substance	or mixture
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye	n irritation
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirato	n irritation
Classification (GHS-US)Skin Irrit. 2H315 - Causes skin irritationEye Irrit. 2AH319 - Causes serious eyeSTOT SE 3H335 - May cause respiratoFull text of H-phrases: see section 162.2.Label elements	n irritation
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation 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 GHS-US labeling	n irritation
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation 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 GHS-US labeling	n irritation irritation
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation 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 GHS-US labeling Hazard pictograms (GHS-US)	n irritation my irritation : : : : : : : : : : : : : : : : : : :
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Skin Irrit. 2 H315 - Causes serious eye STOT SE 3 H335 - May cause respirator Full text of H-phrases: see section 16 12. Label elements SHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	n irritation my irritation : Varning
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation 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 GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	n irritation my irritation : $i = i = i = i = i = i = i = i = i = i $
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2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/informat	ion on in	aredients		
3.1. Substance		greatents		
Substance type	· Mono	p-constituent		
		Product identifier	0/	Closeffication (OUC UC)
Name 4-(2-Bromoallyl)-1,2-difluorobenzene		(CAS No) 842140-34-5	% <= 100	Classification (GHS-US) Skin Irrit. 2. H315
(Main constituent)			~~ 100	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		se of accident or if you feel unwell, see e possible). Move the affected personn		
First-aid measures after inhalation		ove person to fresh air and keep comforration. Get medical advice/attention.	rtable for breathir	g. If not breathing, give artificial
First-aid measures after skin contact	: Wash	n with plenty of soap and water. Get me	dical advice/atter	ntion.
First-aid measures after eye contact		ediately flush eyes thoroughly with wate ent and easy to do. Continue rinsing. G		
First-aid measures after ingestion		OT induce vomiting. Never give anythi h out with water. Get medical advice/at		unconscious person. Rinse
4.2. Most important symptoms and eff	ects, both	acute and delayed		
Symptoms/injuries		nost important known symptoms and e and/or in section 11.	fects are describ	ed in the labelling (see section
4.3. Indication of any immediate media	cal attentio			
4.3. Indication of any immediate media Treat symptomatically.	cal attentio			
Treat symptomatically.				
Treat symptomatically. SECTION 5: Firefighting measures				
Treat symptomatically.	: Alcoh		powder. Water sp	oray. Use extinguishing media
Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media	: Alcoh appro	n and special treatment needed nol resistant foam. Carbon dioxide. Dry opriate for surrounding fire.	powder. Water sp	oray. Use extinguishing media
Treat symptomatically.SECTION 5: Firefighting measures5.1.Extinguishing mediaSuitable extinguishing media	: Alcoh appro	n and special treatment needed nol resistant foam. Carbon dioxide. Dry opriate for surrounding fire.		
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6.2. Environmental precautions			
Avoid release to the environment. Notify author	orities if product enters sewers or public waters.		
6.3. Methods and material for contain	Methods and material for containment and cleaning up		
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.		
Methods for cleaning up	: Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area.		
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 storage			
7.1. Precautions for safe handling			
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 fumes, mist, spray, vapors. 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, inclu	Iding any incompatibilities		
Technical measures	: Comply with applicable regulations.		
Storage conditions	: Keep container closed when not in use. Keep contents under inert gas.		
Incompatible materials	: Refer to Section 10 on Incompatible Materials.		
Storage temperature	: 2 - 8 °C Use explosion proof refrigerator		
Storage area	: Store in dry, 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. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and c	chemical properties
Physical state	: Liquid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
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
0.1/0.5/0.0.1.7	

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: No data available
: No data available
: No data available
: 233.05 g/mol
: 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	oduct 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.

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

12.1.	Toxicity			
No additi	onal information available			
12.2.	Persistence and degradability			
No additi	No additional information available			
12.3.	Bioaccumulative potential			
No additional 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 considera	tions	
13.1. Waste treatment methods		
Waste treatment methods Waste disposal recommendations Additional information	 Remove to an authorized incinerator equipped with Dispose of contents/container in accordance with li Recycle the material as far as possible. 	6
SECTION 14: Transport informat	on	
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 informa	tion	
15.1. US Federal regulations		
All components of this product are listed, Substances Control Act (TSCA) inventory	r excluded from listing, on the United States Environmental except for:	Protection Agency Toxic
4-(2-Bromoallyl)-1,2-difluorobenzene	CAS No 842140-34-5	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	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.	
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.	
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.	
HMIS III Rating		
Health	: 2 Moderate Hazard - Temporary or minor injury may occur	
Flammability	: 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)	
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.