

3,5-Difluorophenylacetic acid Safety Data Sheet 2721335 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/02/2015 Version: 1.0

SECTION 1: Identification .1. Identification			
Product form	: Substance		
ubstance name	: 3,5-Difluorophenylacetic acid		
AS No	: 105184-38-1		
roduct code	: 2721-3-35		
ormula	: C8H6F2O2		
official	: MFCD00010316		
	substance or mixture and uses advised against		
lse of the substance/mixture	e/mixture : Laboratory chemicals Manufacture of substances Scientific research and development		
.3. Details of the supplier of the saf	iety data sheet		
ynQuest Laboratories, Inc.			
.O. Box 309 Jachua, FL 32615 - United States of Americ (386) 462-0788 - F (386) 462-7097	ca		
fo@synquestlabs.com - www.synquestlabs	s.com		
.4. Emergency telephone number			
mergency number	: (844) 523-4086 (3E Company - Account 10069)		
ECTION 2: Hazard(s) identificati	ion		
1. Classification of the substance of			
lassification (GHS-US)			
TOT SE 3 H335 - May cause respirator ull text of H-phrases: see section 16	y irritation		
2.2. Label elements			
2.2. Label elements GHS-US labeling			
GHS-US labeling			
GHS-US labeling lazard pictograms (GHS-US)	GHS07		
	: GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation		

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2.3. Other hazards				
No additional information available				
, ,				
Not applicable				
SECTION 3: Composition/informat	ion on in	gredients		
.1. Substance				
Substance type	: Mono	o-constituent		
Name		Product identifier	%	Classification (GHS-US)
3,5-Difluorophenylacetic acid (Main constituent)		(CAS No) 105184-38-1	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
ull text of H-phrases: see section 16				
.2. Mixture				
lot applicable				
ECTION 4: First aid measures				
.1. Description of first aid measures				
irst-aid measures general		se of accident or if you feel unwell, seek		
irst-aid measures after inhalation	: Rem	e possible). Move the affected personnel ove person to fresh air and keep comforta ration. Get medical advice/attention.	-	
irst-aid measures after skin contact		with plenty of soap and water. Get med	ical advice/atter	ntion
irst-aid measures after eye contact		diately flush eyes thoroughly with water		
irst-aid measures after ingestion	prese	ont and easy to do. Continue rinsing. Get OT induce vomiting. Never give anything	medical advice	/attention.
c c		h out with water. Get medical advice/atte		·
.2. Most important symptoms and eff				
ymptoms/injuries		nost important known symptoms and effe and/or in section 11.	ects are describ	ed in the labelling (see section
.3. Indication of any immediate medi	cal attentio	n and special treatment needed		
reat symptomatically.				
ECTION 5: Firefighting measures	1			
.1. Extinguishing media				
uitable extinguishing media		ol resistant foam. Carbon dioxide. Dry popriate for surrounding fire.	owder. Water sp	oray. Use extinguishing media
.2. Special hazards arising from the	substance	or mixture		
ire hazard	: Therr	nal decomposition generates: Carbon ox	ides. Hydrogen	fluoride.
.3. Advice for firefighters				
rotection during firefighting		ot attempt to take action without suitable to section 8: "Exposure controls/persona		oment. For further information
ECTION 6: Accidental release me	asures			
.1. Personal precautions, protective	equipment	and emergency procedures		
Seneral measures		uate unnecessary personnel. Ensure ade he dust.	equate air ventil	ation. Avoid raising dust. Do not
.1.1. For non-emergency personnel				
mergency procedures	: Only	qualified personnel equipped with suitabl	e protective equ	uipment may intervene.
6.1.2. For emergency responders				
rotective equipment		ot attempt to take action without suitable to section 8: "Exposure controls/persona		oment. For further information
.2. Environmental precautions				
void release to the environment. Notify author	prities if proc	luct enters sewers or public waters.		
.3. Methods and material for contain	ment and c	leaning up		
lethods for cleaning up	: Swee	p or shovel spills into appropriate contain	ner for disposal.	Minimize generation of dust.

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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 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, inclu	Conditions for safe storage, 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.			

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 a	nd chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 68 - 70 °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	: 172.13 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
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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

SECT	DN 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	atment 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:

3.5-Difluorophenvlacetic acid

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.

CAS No 105184-38-1

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

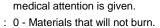
SECTION 16: Other information

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

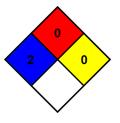
NFPA health hazard

NFPA fire hazard	
NFPA reactivity	



: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt



100%

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HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
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.