

Safety Data Sheet 26213Z5 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 1.1. Identification	
.1. Identification	
Product form	: Substance
Substance name	: 3'-Fluoro[1,1'-biphenyl]-4-carboxylic acid
CAS No	: 1841-58-3
Product code	: 2621-3-Z5
ormula	: C13H9FO2
Other means of identification	: MFCD03424609
.2. Relevant identified uses of the s	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 safe	ety data sheet
SynQuest Laboratories, Inc. 2.O. Box 309 Machua, FL 32615 - United States of Americ 7 (386) 462-0788 - F (386) 462-7097	ca
nfo@synquestlabs.com - www.synquestlabs	<u>s.com</u>
.4. Emergency telephone number	
mergency number	: (844) 523-4086 (3E Company - Account 10069)
ECTION 2: Hazard(s) identification	ion
.1. Classification of the substance of	
Classification (GHS-US)	
Eye Irrit. 2A H319 - Causes serious eye in	rritation
Eye Irrit. 2A H319 - Causes serious eye ir	rritation
Eye Irrit. 2A H319 - Causes serious eye in STOT SE 3 H335 - May cause respiratory Full text of H-phrases: see section 16	rritation
ye Irrit. 2A H319 - Causes serious eye in STOT SE 3 H335 - May cause respiratory full text of H-phrases: see section 16 .2. Label elements SHS-US labeling	rritation
Eye Irrit. 2A H319 - Causes serious eye in STOT SE 3 H335 - May cause respiratory Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	rritation y irritation
Eye Irrit. 2A H319 - Causes serious eye in STOT SE 3 H335 - May cause respiratory Full text of H-phrases: see section 16 2.2. Label elements	rritation y irritation

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ccording to Federal Register / Vol. 77, No. 58 / Monday 2.3. Other hazards			
No additional information available			
2.4. Unknown acute toxicity (GHS US)			
Not applicable			
SECTION 3: Composition/information	on on ingredients		
3.1. Substance			
Substance type	: Mono-constituent		
Name	Product identifier	%	Classification (GHS-US)
3'-Fluoro[1,1'-biphenyl]-4-carboxylic acid (Main constituent)	(CAS No) 1841-58-3	<= 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	: In case of accident or if you feel unwer where possible). Move the affected p	ersonnel away from th	ne contaminated area.
First-aid measures after inhalation	: Remove person to fresh air and keep respiration. Get medical advice/attent	tion.	
First-aid measures after skin contact First-aid measures after eye contact	Wash with plenty of soap and water.Immediately flush eyes thoroughly with		
	present and easy to do. Continue rins	sing. Get medical advi	ce/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Never give mouth out with water. Get medical ad		an unconscious person. Rinse
		ivice/attention.	
	ects, both acute and delayed		
Symptoms/injuries		s and effects are desc	ribed in the labelling (see section
Symptoms/injuries 4.3. Indication of any immediate medica Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media	 Ects, both acute and delayed The most important known symptoms 2.2) and/or in section 11. al attention and special treatment needed Alcohol resistant foam. Carbon dioxic 	s and effects are desc	
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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, include	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 an	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	: 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
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 216.21 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
	tional information available
SECT	ON 10: Stability and reactivity
10.1.	Reactivity
No addi	tional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
No addi	tional information available
10.5.	Incompatible materials
Strong b	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.

SECTION 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 treatment 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'-Fluoro[1,1'-biphenyl]-4-carboxylic acid

3'-Fluoro[1,1'-biphenyl]-4-carboxylic acid	CAS No 1841-58-3	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

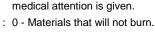
SECTION 16: Other information

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

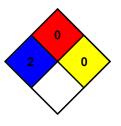
NFPA health hazard

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



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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.