

**2-Fluoro-4-methoxybenzoic acid** Safety Data Sheet 2621372 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			
Product form	: Substance		
ubstance name : 2-Fluoro-4-methoxybenzoic acid			
CAS No			
Product code	: 394-42-3 : 2621-3-72		
Foduci code Formula	: C8H7FO3		
Synonyms	: 4-Carboxy-3-fluoroanisole; 2-Fluoro-p-anisic acid		
Other means of identification	: MFCD00509373		
	substance or mixture and uses advised against		
Use of the substance/mixture			
	: Laboratory chemicals Manufacture of substances Scientific research and development		
1.3. Details of the supplier of the sa	ifety data sheet		
SynQuest Laboratories, Inc.			
P.O. Box 309			
Alachua, FL 32615 - United States of Ameri T (386) 462-0788 - F (386) 462-7097	lua		
info@synquestlabs.com - www.synquestlab	<u>os.com</u>		
1.4. Emergency telephone number			
Emergency number	: (844) 523-4086 (3E Company - Account 10069)		
, ,	ry irritation		
Full text of H-phrases: see section 16	ry irritation		
Full text of H-phrases: see section 16	ry irritation		
Full text of H-phrases: see section 16         2.2.       Label elements         GHS-US labeling			
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	CHS07		
Full text of H-phrases: see section 16         2.2.       Label elements         GHS-US labeling	: GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation		
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	: GHS07 : Warning : H315 - Causes skin irritation		

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2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/information	on ind	redients		
3.1. Substance				
	Mono-	constituent		
Name		Product identifier	%	Classification (GHS-US)
2-Fluoro-4-methoxybenzoic acid		(CAS No) 394-42-3	<= 100	Skin Irrit. 2, H315
(Main constituent)				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 :		liately flush eyes thoroughly with water f at and easy to do. Continue rinsing. Get		
First-aid measures after ingestion :		T induce vomiting. Never give anything out with water. Get medical advice/atter		unconscious person. Rinse
4.2. Most important symptoms and effects	, both a	cute and delayed		
Symptoms/injuries :		ost important known symptoms and effe nd/or in section 11.	cts are describe	d in the labelling (see section
4.3. Indication of any immediate medical at	ttentior	and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
		ol resistant foam. Carbon dioxide. Dry po riate for surrounding fire.	owder. Water sp	ray. Use extinguishing media
5.2. Special hazards arising from the subst	tance o	r mixture		
Fire hazard :	Therm	al decomposition generates: Carbon oxi	des. Hydrogen f	luoride.
5.3. Advice for firefighters				
Protection during firefighting :		attempt to take action without suitable posection 8: "Exposure controls/personal		nent. For further information
SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equip	oment a	nd emergency procedures		
General measures :		ate unnecessary personnel. Ensure ade e dust.	quate air ventila	tion. Avoid raising dust. Do not
6.1.1. For non-emergency personnel				
	Only c	ualified personnel equipped with suitable	e protective equ	ipment may intervene.
6.1.2. For emergency responders				
Protective equipment :		attempt to take action without suitable posection 8: "Exposure controls/personal		ment. For further information
6.2. Environmental precautions				
Avoid release to the environment. Notify authorities if product enters sewers or public waters.				
6.3. 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.				

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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, includ	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.		

afety showers
2

Skin and body protection Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

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/iscosity, dynamic	: No data available		
/iscosity, kinematic	: No data available		
/iscosity	: 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	: 170.14 g/mol		
Relative vapor density at 20 °C	: No data available		
Relative density	: No data available		
/apor pressure	: No data available		
Dxidizing 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	: > 110 °C		
Boiling point	: No data available		
Freezing point	: No data available		
Melting point	: 193 °C		
ЪН	: No data available		
Ddor threshold	: No data available		
Ddor	: No data available		
Color	: No data available		
Physical state	: Solid		

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9.2.	Other information					
No additional information available						
SECT	ION 10: Stability and reactivity					
10.1.	Reactivity					
No addi	No additional information available					
10.2.	Chemical stability					
The pro	The product is stable at normal handling and storage conditions.					
10.3.	Possibility of hazardous reactions					
No additional information available						
10.4.	Conditions to avoid					
No addi	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.

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 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:

2-Fluoro-4-methoxybenzoic 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 394-42-3

#### **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

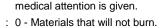
# **SECTION 16: Other information**

#### 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	

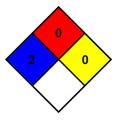
NFPA health hazard

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.