

2-Fluoro-3-methoxybenzyl alcohol Safety Data Sheet 26013X7 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/02/2016 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 2-Fluoro-3-methoxybenzyl alcohol
CAS No	: 178974-59-9
Product code	: 2601-3-X7
Formula	: C8H9FO2
Other means of identification	: MFCD09743596
1.2. Relevant identified uses of the sub	bstance 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 safet	y data sheet
SynQuest Laboratories, Inc.	
P.O. Box 309	
Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097	
info@synquestlabs.com - www.synquestlabs.c	<u>om</u>
1.4. Emergency telephone number	(044) 522 4096 (25 Company, Accessed 40000)
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	n
2.1. Classification of the substance or	mixture
Classification (GHS-US)	
Skin Irrit. 2 H315 - Causes skin irritation	
Eye Irrit. 2A H319 - Causes serious eye irrit	tation
STOT SE 3 H335 - May cause respiratory i	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling	
GHS-US labeling Hazard pictograms (GHS-US)	:
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Hazard pictograms (GHS-US)	: GHS07
Hazard pictograms (GHS-US) Signal word (GHS-US)	: Warning
Hazard pictograms (GHS-US)	: Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Hazard pictograms (GHS-US) Signal word (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact
Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
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is addinal information available A. Unknown acute toxicity (GHS US) tet applicable EGTION 3.: Composition/information on ingredients Name Product Identifier N Composition (GHS-US) Submark 2.: How 2.	ccording to Federal Register / Vol. 77, No. 58 / Monda	ay, March 26,	2012 / Rules and Regulations		
A Unknown acute toxicity (GHS US) of applicable ESCTION 32. Composition/information on ingredients 3. Substance ubstance type : Mono-constituent Name Product identifier % Classification (GHS-US) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315) 2-fluod-3-methoxybenzyl atochd (CA Sing 172874-59-9 <-100 Sun (nz. 2, H315)	2.3. Other hazards				
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Substance type : Mono-constituent Name Product identifier % Classification (GHS-US) 2 Fluence 3, methoxybenzyl alcohol (CAB No) 178974-59.9 <a 100<="" td=""> Sthurtur 2, H315 2 Fluence 3, methoxybenzyl alcohol (CAB No) 178974-59.9 <a 100<="" td=""> Sthurtur 2, H315 2 Muture tot applicable structure structure structure 1 Straid measures after inhalditon : Renove person to fore the structure structure 1 Straid measures after skin contat : Wash with eproy of strain Get medical advice/attention. structure 1 Add measures after skin contat : Wash with eproy of strain Get medical advice/attention. structure structure 1 Add measures after signston : Do NOT induce voniting. Newer give antificall stru					
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2-Fluency-methodyberry/ abcohol (CAS No): 178974-69-9 c= 100 Skin Intl. 2, H315 EVENTL, AV313 STOT SE 3, H335 UII text of H-phrases: see section 16		. 1010110			
Name constituent Event: 2A, H318 UII text of H-phrases: see section 16					· · ·
2. Mixture bit applicable ECTION 4: First aid measures issi-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. irst-aid measures after shin contact : Wash with plenty of soap and water. Get medical advice/attention. irst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. irst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. irst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rise mouth out with water. Get medical advice/attention. . Most important symptoms and effects. both acute and delayed ymptoms/injuries : The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11. . Indication of any immediate medical attention and special treatment needed reat symptomainalizedly. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media apropriate for surrounding fire. . Special hazards arising from the substance or mixture ire hazard : In case of fire: Evacuate area. : In case of fire: Evacuate area. : Evacouste area. : Outry qu	(Main constituent)		(CAS NO) 176974-39-9	<= 100	Eye Irrit. 2A, H319
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mouth out with water. Get medical advice/attention. 2. Most important symptoms and effects, both acute and delayed ymptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 3. Indication of any immediate medical attention and special treatment needed reat symptomatically. ECTION 5: Firefighting measures 2. Special hazards arising from the substance or mixture uitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. 2. Special hazards arising from the substance or mixture irefighting instructions : In case of fire: Evacuate area. rotection during firefighting : Wear gas light chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection". 1. For non-emergency personnel : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breath dust. 1.1. For emergency responders : Cont attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 1.1. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposu		prese	nt and easy to do. Continue rinsing. Get	medical advice/	attention.
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2.2) and/or in section 11. 3. Indication of any immediate medical attention and special treatment needed reat symptomatically. EECTION 5: Firefighting measures .1. Extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. .2. Special hazards arising from the substance or mixture					
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• ·	void release to the environment. Notify autho	rities if proc	luct enters sewers or public waters.		
	.3. Methods and material for contain	nent and c	leaning up		
	or containment	: Stop	leak if safe to do so.		

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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. Referen	e to other sections		
No additional inforr	nation available		
SECTION 7: H	andling and storage		
7.1. Precauti	ons for safe handling		
Precautions for saf	e handling	: Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust, mist, spray. 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. Conditio	ns for safe storage, including	g any incompatibilities	
Technical measure	S	: Comply with applicable regulations.	
Storage conditions		: Keep container closed when not in use.	
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. 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 chemical properties		
Physical state	: Solid	
Color	: No data available	
Odor	: No data available	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: 56 - 59 °C	
Freezing point	: No data available	
Boiling point	: 126 - 129 °C (@ 5 mm Hg)	
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	: 156.15 g/mol	
Solubility	: No data available	
Log Pow	: No data available	

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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
9.2. Other information	
No additional information available	
SECTION 10: Stability and rea	ctivity
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
The product is stable at normal handling	and storage conditions.
10.3. Possibility of hazardous rea	ctions
No additional information available	
10.4. Conditions to avoid	
Keep away from heat, sparks and flame	·
10.5. Incompatible materials	
Strong oxidizing agents.	
10.6. Hazardous decomposition p	roducts
Under normal conditions of storage and fire, see Section 5.	use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of
SECTION 11: Toxicological inf	ormation
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

SECT	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
	itional information available

No additional information available

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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.	
Additional information	: Recycle the material as far as possible.	

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-3-methoxybenzyl alcohol	CAS No 178974-59-9	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.