

**3-Fluoro-4-methoxybenzoic acid** Safety Data Sheet 2621355 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 08/28/2015 Version: 1.0

<b>SECTION 4. Identification</b>	
SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 3-Fluoro-4-methoxybenzoic acid
CAS No	: 403-20-3
Product code	: 2621-3-55
Formula	: C8H7FO3
Other means of identification	: MFCD00060675
1.2. Relevant identified uses of the subs	stance 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 safety	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.com	<u>n</u>
1.4. Emergency telephone number	
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or n	
	lixture
Classification (GHS-US)	
Skin Irrit. 2 H315 - Causes skin irritation	lion
Eye Irrit. 2A H319 - Causes serious eye irrita STOT SE 3 H335 - May cause respiratory irr	
, , ,	
Full text of H-phrases: see section 16	
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Full text of H-phrases: see section 16	
Full text of H-phrases: see section 16 2.2. Label elements	:
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Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	: GHS07
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
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	: 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) Hazard statements (GHS-US)	: GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	<ul> <li>: Varning</li> <li>: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>: P261 - Avoid breathing dust, mist</li> </ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	: GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>: Warning</li> <li>: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H335 - May cause respiratory irritation</li> <li>: P261 - Avoid breathing dust, mist 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</li> </ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>: Warning</li> <li>: H315 - Causes skin irritation H319 - Causes serious eye irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>: P261 - Avoid breathing dust, mist 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</li> </ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>: Warning</li> <li>: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H335 - May cause respiratory irritation</li> <li>: P261 - Avoid breathing dust, mist 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</li> </ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>F For the end of the end</li></ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>: i i i i i i i i i i i i i i i i i i</li></ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>: i i i i i i i i i i i i i i i i i i</li></ul>
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Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Final Structure S</li></ul>
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>For the end of the end o</li></ul>
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addinal information available is information on ingredients is information of the in	-	o Federal Register / Vol. 77, No. 58 / Monday, M	arch 26,	2012 / Rules and Regulations		
Unknown acute toxicity (GHS US) tapplicable      CITION 3: Composition/information on ingredients     Substance     besance type	2.3.	Other hazards				
ta applicable Substance Su	No additi 2.4.					
CTION 3: Composition/information on ingredients         Substance         are       Product identifier       %       Classification (GHS-US)         are       Product identifier       %       Classification (GHS-US)         Fluor 4-methox/benzoic and       (CRS No) 403-203       4=100       Strutt right (GHS-US)         Strutt 7:       Strutt 7:       Strutt 7:       Strutt 7:       Strutt 7:         Itest of H-phrases: see section 16						
Substance         Mono-constituent           balance type         : Mono-constituent           are         Product identifier         %         Classification (GHS-US)           Fluore-Inimphorybonzoic and microartinery         (CA3 No) 403-20-3 <e 100<="" td="">         Sin microartinery           Itext of H-phrases: see section 15         .         Mixture         STOT SE 3, H338         STOT SE 3, H338           CETION 41: First ald measures         .         In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). More the affected personnal away from the contaminited area.         .           Attain measures after inhalation         :         In case of accident or if you feel unwell, seek medical advice/attention.           staid measures after sin contact         :         Wash with pleny 50 seap and water.         Cet medical advice/attention.           staid measures after sin contact         :         Wash with pleny 50 seap and water.         Cet medical advice/attention.           staid measures after sin contact         :         Wash with pleny 50 seap and water.         Cet medical advice/attention.           staid measures after inpestion         :         Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mound out with water.         Cet medical advice/attention.           staid measures after ingestion         :         Do NOT induce v</e>						
balance type : Mono-constituent           Brace - Induct identifier         %         Classification (GHS-US)           Brook - Androhyshenzic and ban constant         If CAS No / 403-20-3         der 100         Skin Intit 2, H31 Syn Intit 2, AK H31 Syn Intit 2			on in	greatents		
and         Product identifier         %         Classification (GHS-US)           Floore-4-methoxybenzoic acid         I/CAS Net 403-20-3         i= 100         Bin thit 2, H35 by the label where possible). Now the Haftedde personnel away from the contamined area.           a Description of first ald measures         i. In case of accident or if you feel unwell, seek medical advice/attention.           at-aid measures after inhalation         : Remove person to tresh all and keep controlate for breatming. If not breathing, give artificial respiration. Get medical advice/attention.           at-aid measures after eye contact         : Immediately fush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to 60. contrue information. Get medical advice/attention.           at-aid measures after ingestion         : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           at-aid measures after ingestion         : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           at-aid measures after ingestion         : Do NOT induce vomiting. Never give and Machine advice/a	3.1. Substanc		Mone	constituent		
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Name constants in the second s	Name	4 mothowhonzoic coid				
Mixture applicable				(CA3 NU) 403-20-3	<= 100	Eye Irrit. 2A, H319
tapplicable         COTION 4: First aid measures         st-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.         st-aid measures after inhalation       :: Remove person to fresh air and keep confrontable for breathing, if no therathing, give artificial respiration. Get medical advice/attention.         st-aid measures after skin contact       :: Wash with plenty of soap and water. Get medical advice/attention.         st-aid measures after skin contact       :: Wash with plenty of soap and water. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce voming. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce voming. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures       :: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.         st-aid bill bill bill bill bill bill bill bi						
CTION 4: First aid measures         . Description of first aid measures         staid 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.         staid measures after inhalation       : Remove person to fresh air and keep comfortable for breathing, if no threathing, give artificial respiration. Get medical advice/attention.         st-aid measures after skin contact       : Wash with plenty of seap and water. Get medical advice/attention.         st-aid measures after eye contact       :: Immediately likely eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce vomining. Never give anything by mucht to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce vomining. Never give anything by mucht to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce regive anything by mucht to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       :: Do NOT induce regive anything by mucht to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st doctaring the medical attention and special treatment needed       :: Attringuishing media         st symptomalicall	3.2.					
Description of first aid measures     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,     st-aid measures after inhalation     is Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial     respiration. Cell medical advice/attention.     st-aid measures after skin contact     Wash with plenty of soap and water. Get medical advice/attention.     st-aid measures after eye contact     immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if     present and easy to do. Continue rinsing. Get medical advice/attention.     dots important symptoms and effects, both acute and delayed     contant symptoms and effects, both acute and delayed     imptoms/injuries     in The most important known symptoms and effects are described in the labelling (see section         2.2) and/or in section 11.     Indication of any Immediate medical attention and special treatment needed     supportant/supp						
si-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.         st-aid measures after inhalation       : Remove person to fresh air and keep comfortable for breathing, give artificial respiration. Get medical advice/attention.         st-aid measures after inhalation       : Wash with penhy of soap and water. Get medical advice/attention.         st-aid measures after eve contact       : Immediately flush eyas throughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.         st-aid measures after ingestion       : Do NOT induce voriniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       : Do NOT induce voriniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         st-aid measures after ingestion       : Do NOT induce voriniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         ast symptomatically.       : Indication of any immediate medical attention and special treatment needed attention.         control starting from the substance or mixture       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         control fuelighting       : On on attempt to take action without suitable protective equipment. For further in						
where possible). Move the affected personnel away from the contaminated area.           st-aid measures after inhalation         : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get medical advice/attention.           st-aid measures after skin contact         : Wash with plenty of scap and water. Get medical advice/attention.           st-aid measures after skin contact         : Wash with plenty of scap and water. Get medical advice/attention.           st-aid measures after ingestion         : Do NOT induce vomiling. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           st-aid measures after ingestion         : Do NOT induce vomiling. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           st-aid measures after ingestion         : Do NOT induce vomiling. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           st-aid measures after ingestion         : Do NOT induce vomiling. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.           st-aid measures after ingestion         : The most important known symptoms and effects are described in the labelling (see section 2:2) and/or in section 11.           contact inguishing media         : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.           stadid cof fifefighters         : Alcohol resistant foam.	l.1. First side				modioal advice '	mmodiately (about the latel
st-aid measures after inhalation : Renove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get medical advice/attention. st-aid measures after skin contact : Wash with plenty of scap and water. Get medical advice/attention. st-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. st-aid measures after ingestion : Do NOT induce voniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. st-aid measures after ingestion : Do NOT induce voniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. : Most important symptoms and effects, both acute and delayed motors/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. : Indication of any immediate medical attention and special treatment needed tar symptomatically. ECTION 5: Firefighting measures : Extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. : Advice for firefighters tection during firefighting is 2. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". ECTION 5: Accidental release measures : Do not attempt to take action without suitable protective equipment. Avoid raising dust. Do not breath dust. 4. For one-mergency personnel tergency procedures : Do not attempt to take action without suitable protective equipment may intervene. 2. For emergency responders iterdive equipment is Do not attempt to take action without suitable protective equipment. Avoid raising dust. Do not breath dust. 4. Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoi	irst-aid	measures general				
st-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. st-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. st-aid measures after ingestion : Do NOT induce vormiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed mptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tar symptomatically. ECTION 5: Firefighting measures Extinguishing media table extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture the chard : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride. Advice for firefighting : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". ECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust. 1. For non-emergency personnel regency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 2. For emergency responders receive equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protectior". 2. For emergency responders receive equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protectior". 2. For emergency responders receive equipment .	irst-aid	measures after inhalation	Remo	ove person to fresh air and keep comforta		
present and easy to do. Continue rinsing. Get medical advice/attention.         st-aid measures after ingestion       : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         .       Most important symptoms and effects, both acute and delayed         mptoms/injuries       : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.         .       Indication of any immediate medical attention and special treatment needed         easymptomatically.       :         CECTION 5: Firefighting measures       :         .       Extinguishing media         :       Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         :       Special hazards arising from the substance or mixture         e hazard       :       Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         CECTION 6: Accidental release measures       :       Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         .       Arice for inerginecy personnel       : On not attempt to take action without suitable protective equipment may intervene.         .       Advice for firefighters       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust.	irst-aid	measures after skin contact	Wash	with plenty of soap and water. Get med	ical advice/atten	ition.
mouth out with water. Get medical advice/attention.         Most important symptoms and effects, both acute and delayed         mptoms/injuries       The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.         Indication of any immediate medical attention and special treatment needed         att symptomatically.         ECTION 5: Firefighting media         Extinguishing media         table extinguishing media         appropriate for surrounding fire.         Advice for firefighters         etcain of firefighters         tection during firefighting         i Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment may intervene.         c. For emergency personnel         tegency procedures       : Only qualified personnel equipped with suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment may intervene.         c. For emergency personnel       : Do not attempt to take action without suitable protective equipment may intervene.         c. For emergency responders       : Only qualified personnel equipped with suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective.         c. For emergency responders       : Only qualifi	irst-aid	measures after eye contact				
mptoms/injuries       : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.         c. Indication of any immediate medical attention and special treatment needed attention section 11.       Indication of any immediate medical attention and special treatment needed attention section 11.         c. Indication of any immediate medical attention and special treatment needed       Immediate section 11.         c. Extinguishing media       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         c. Special hazards arising from the substance or mixture       Immediate composition generates: Carbon oxides. Hydrogen fluoride.         c. Advice for firefighters       Immediate composition generates: Carbon oxides. Hydrogen fluoride.         c. Advice for firefighters       Immediate composition generates: Carbon oxides. Hydrogen fluoride.         c. Personal precautions, protective equipment and emergency procedures       Immediate composition generates: Carbon oxide arist composition. Avoid raising dust. Do not breathe dust.         c. For non-emergency personnel       Immediate composition generates: Carbon without suitable protective equipment may intervene.         c. For emergency responders       : Only qualified personnel equipped with suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protec	irst-aid	measures after ingestion		0 0 , 0		unconscious person. Rinse
2.2) and/or in section 11.  A Indication of any immediate medical attention and special treatment needed at symptomatically.  ECTION 5: Firefighting media Extinguishing media Extended Exte	.2.	Most important symptoms and effects	, both	acute and delayed		
sat symptomatically.         CTION 5: Firefighting media         table extinguishing media         itable extinguishing media         : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         : Special hazards arising from the substance or mixture         e hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.         : Advice for firefighters         stection during firefighting       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         CCTION 6: Accidental release measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         .1. For non-emergency personnel tergency procedures       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Expos	symptom	ns/injuries			ects are describe	ed in the labelling (see section
CTION 5: Firefighting measures         Extinguishing media         table extinguishing media         table extinguishing media         : Special hazards arising from the substance or mixture         e hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.         Advice for firefighters         tection during firefighting       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         CTION 6: Accidental release measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment may intervene.         .2. For emergency personnel       : Only qualified personnel equipped with suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment may intervene.         .2. For emergency responders       : Only qualified personnel equipped with suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipme	4.3.	Indication of any immediate medical a	ttentio	n and special treatment needed		
Extinguishing media <ul> <li>Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.</li> <li>Special hazards arising from the substance or mixture</li></ul>	Freat syr	nptomatically.				
Extinguishing media <ul> <li>Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.</li> <li>Special hazards arising from the substance or mixture</li></ul>	SECTI	ON 5: Firefighting measures				
appropriate for surrounding fire.         Special hazards arising from the substance or mixture         e hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.         Advice for firefighters         otection during firefighting       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         ECTION 6: Accidental release measures         Personal precautions, protective equipment and emergency procedures         neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         1. For non-emergency personnel         nergency procedures       : Only qualified personnel equipped with suitable protective equipment may intervene.         2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         c. Horizonantal precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         c. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         c. Environmental precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure contro	i.1.					
e hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.         Advice for firefighters       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         ECTION 6: Accidental release measures       :         . Personal precautions, protective equipment and emergency procedures         . neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         1. For non-emergency personnel         nergency procedures       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         . Environmental precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         . Environmental precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         . Methods and material for containment and cleaning up       :	Suitable	extinguishing media			owder. Water sp	oray. Use extinguishing media
Advice for firefighters     Construction of the section of th	5.2.	Special hazards arising from the subs	tance	or mixture		
betection during firefighting       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         ECTION 6: Accidental release measures       . Personal precautions, protective equipment and emergency procedures         neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. Notify authorities if product enters sewers or public waters.         bit release to the environment. Notify authorities if product enters sewers or public waters.	ire haza				ides. Hydrogen	fluoride.
betection during firefighting       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         ECTION 6: Accidental release measures       . Personal precautions, protective equipment and emergency procedures         neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. Notify authorities if product enters sewers or public waters.         bit release to the environment. Notify authorities if product enters sewers or public waters.	i.3.	Advice for firefighters				
refer to section 8: "Exposure controls/personal protection".			: Do no	ot attempt to take action without suitable	protective equip	ment. For further information
Personal precautions, protective equipment and emergency procedures         neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         .1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         .2. Environmental precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         .2. Methods and material for containment and cleaning up			refer	to section 8: "Exposure controls/persona	I protection".	
Personal precautions, protective equipment and emergency procedures         neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         .1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         .2. Environmental precautions       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         .2. Methods and material for containment and cleaning up	ECTI	ON 6: Accidental release measu	ires			
neral measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Avoid raising dust. Do not breathe dust.         .1. For non-emergency personnel       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Only qualified personnel equipped with suitable protective equipment may intervene.         .2. For emergency responders       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         Environmental precautions       : Do not attempt to take action public waters.         Methods and material for containment and cleaning up       : Methods and material for containment and cleaning up	.1.			and emergency procedures		
<ul> <li>i. Only qualified personnel equipped with suitable protective equipment may intervene.</li> <li>i. So not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".</li> <li>i. Environmental precautions</li> <li>bid release to the environment. Notify authorities if product enters sewers or public waters.</li> <li>i. Methods and material for containment and cleaning up</li> </ul>	General I		Evac	uate unnecessary personnel. Ensure ade	equate air ventila	ation. Avoid raising dust. Do not
<ul> <li>i. Only qualified personnel equipped with suitable protective equipment may intervene.</li> <li>i. So not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".</li> <li>i. Environmental precautions</li> <li>bid release to the environment. Notify authorities if product enters sewers or public waters.</li> <li>i. Methods and material for containment and cleaning up</li> </ul>	5.1.1.	For non-emergency personnel				
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".     Environmental precautions     oid release to the environment. Notify authorities if product enters sewers or public waters.     Methods and material for containment and cleaning up			Only	qualified personnel equipped with suitabl	e protective equ	lipment may intervene.
refer to section 8: "Exposure controls/personal protection".  Environmental precautions bid release to the environment. Notify authorities if product enters sewers or public waters.  Methods and material for containment and cleaning up	5.1.2.	For emergency responders				
bid release to the environment. Notify authorities if product enters sewers or public waters.         b.       Methods and material for containment and cleaning up	Protectiv	e equipment				ment. For further information
. Methods and material for containment and cleaning up	<b>.2</b> .	Environmental precautions				
	void rel	ease to the environment. Notify authorities	s if proc	luct enters sewers or public waters.		
	.3.	Methods and material for containment	t and c	leaning up		
	Nethods	for cleaning up	Swee	p or shovel spills into appropriate contair	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, include	ding 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 **Exposure controls** 8.2. 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** Information on basic physical and chemical properties

9.1. Information on basic physical and	a chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 211 - 213 °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	: 170.14 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 additional information available
SECTION 10: Stability and reactivity
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 reactions
No additional information available
10.4. Conditions to avoid
No additional information available
10.5. Incompatible materials
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	FION 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 consideratio	ns
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-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

CAS No 403-20-3

#### **15.2. International regulations**

and 40 CFR Part 372.

#### 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:

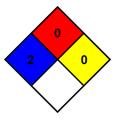
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

NFPA health hazard

NFPA fire hazard	
NFPA reactivity	

- medical attention is given.: 0 Materials that will not burn.
- : 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.