

# **5-Fluoro-2-(trifluoromethyl)benzaldehyde** Safety Data Sheet 2815352 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 10/03/2017 Version: 1.0

SECTION 1: Identification			
1.1. Identification			
Product form	: Substance		
Substance name	: 5-Fluoro-2-(trifluoromethyl)b	enzaldehyde	
CAS No	: 90381-08-1		
Product code	: 2815-3-52		
Formula	: C8H4F4O		
Synonyms	: alpha,alpha,alpha,5-Tetraflu	oro-o-tolualdehyde; 4-Fluoro-2-formylbenzotrifluo	ride
Other means of identification	: MFCD00236276		
1.2. Relevant identified uses of the	substance or mixture and uses adv	vised against	
Use of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and deve		
1.3. Details of the supplier of the sa	afety data sheet		
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Amer T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlab 1.4. Emergency telephone number			
	· (0.4.4) 500 4000 (25 Company	Access (10000)	
Emergency number	: (844) 523-4086 (3E Compar	iy - Account 10069)	
SECTION 2: Hazard(s) identificat	tion		
2.1. Classification of the substance			
Classification (GHS-US)			
Skin Irrit. 2H315 - Causes skin irritationEye Irrit. 2AH319 - Causes serious eyeSTOT SE 3H335 - May cause respiratoFull text of H-phrases: see section 16	irritation		
2.2. Label elements			
GHS-US labeling			
Hazard pictograms (GHS-US)	GHS07		
Signal word (GHS-US)	: Warning		
Hazard statements (GHS-US)	: H227 - Combustible liquid H315 - Causes skin irritation H319 - Causes serious eye H335 - May cause respirato	rritation	
Precautionary statements (GHS-US)	<ul> <li>P210 - Keep away from hea P261 - Avoid breathing fume P264 - Wash skin thoroughly P271 - Use only outdoors or P280 - Wear protective glow P302+P352 - If on skin: Was P304+P340 - If inhaled: Ren P305+P351+P338 - If in eye lenses, if present and easy t P312 - Call a POISON CEN P321 - Specific treatment (s P332+P313 - If skin irritation P337+P313 - If eye irritation</li> </ul>	V sparks/open flames/hot surfaces. No smoking ss, mist, spray, vapors y after handling in a well-ventilated area es/protective clothing/eye protection/face protection sh with plenty of soap and water nove person to fresh air and keep comfortable for s: Rinse cautiously with water for several minutes	breathing a. Remove contact
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## 5-Fluoro-2-(trifluoromethyl)benzaldehyde Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

First-aid measures after skin contact       : Wash with plenty of soap and water. Get medical advice/attention.         First-aid measures after eye contact       : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention.         First-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.         4.2.       Most important symptoms and effects, both acute and delayed         Symptoms/injuries       : The most important known symptoms and effects are described in the labelling (see sectio 2.2) and/or in section 11.         4.3.       Indication of any immediate medical attention and special treatment needed         Treat symptomatically.       SECTION 5: Firefighting measures         5.1.       Extinguishing media         Suitable extinguishing media       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         5.2.       Special hazards arising from the substance or mixture         Fire hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.		P370+P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish P403+P233 - Store in a well-ventilated place. Keep container tightly closed P403+P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant			
2.4.       Unknown acute toxicity (GHS US)         Not applicable       Substance         3.1.       Substance         Substance       i. Mono-constituent         Name       Product identifier       %         Splitudo-sylinkoometrylybenzaketryde       if26 Nov 90381-06-1       6 = 100         Fill text of H-phrases: see section 16       3.2.       Mixture         Sold Text and measures       Section 0 first aid measures       Section 0 first aid measures         Fill text of H-phrases: ageneral       : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). More the alfected personnel away from the contaminated area.         First-aid measures after inhalation       : Remove person to fresh air and keep comforable for breating. Jive artific registration. Get medical advice/attention.         First-aid measures after skin contact       : Wash with plenty of seag and water. Get medical advice/attention.         First-aid measures after skin contact       : Do NOT induce vortiling. New give anything by mouth te an unconscious person. Rinse mouth our with weter or at least 15 mixtuse. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention.         First-aid measures after opecation       : Do NOT induce vortiling. New give anything by mouth a an unconscious person. Rinse mouth our with weter or at least 15 mixtuse. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention.         4.2	2.3. Other hazards				
Not applicable SECTION 3: Composition/Information on ingredients Substance type S	No additional information available				
SECTION 3: Composition/information on ingredients         Substance         Sub		S)			
3.1.       Substance         Substance type       :       Mono-constituent         Name       Product identifier       %       Classification (GHS-US)         5-Phano-2-trinkuromethylbenzaldehyde       (CAS Ne) 90381-08-1       s= 100       Flam- Lip, 4, 1422         Full text of H-phrases: see section 16       3.2.       Mixture       Section 2017 BE 2, 1435       Section 2017 BE 2, 1435         SECTION 4: First ald measures       In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnal away from the contaminated area.       First-aid measures after inhalation       : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artific reparation. Get away for due to continue mains. Get medical advice/attention.         First-aid measures after inhalation       : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artific reparation. Get away for due counting. New registration. Get and advice/attention.         First-aid measures after inheadstow       : Umediately flush eyes throughly with water for at least 15 minutes. Remove contact lens present and easy to due. Continue mains. Get medical advice/attention.         First-aid measures after inposton       : Do NOT induce vomiting. New regive anything by mouth to an unconscious person. Rise mouth our whivef. Get medical advice/attention.         4.3.       Indication of any immediate Internat known symptoms and effects are described in the labelling (see sectid 2.2) and/or in section 11.	Not applicable				
Substance type       : Mono-constituent         Name       Product identifier       %       Classification (CHS-US)         (Main constituent)       CAR two 190381-08-1       <= 100	SECTION 3: Composition/informa	ation on ingredients			
Name         Product identifier         %         Classification (GHS-US)           5-Fluoro-2-(trifluoromethylipenzaidehyde (Man constance)         (CAS Nol 90381-08-1 <e>100         Film: Li, 4, H227 Shin tift, 2, H313 STOT 56 3, H323           Full text of H-phrases: see section 16         3.2.         Mixture           Not applicable         SECTION 4: First aid measures         Section 16           SECTION 4: First aid measures         : In case of accident or if you feel unwell, seek medical advice immediately (show the tabel where possible). More the affected personnel away from the containated area.           First-aid measures after inhalation         : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artifi- respiration. Get medical advice/attention.           First-aid measures after eye contact         : Ummediately flush eyes thoroughly with water. Get medical advice/attention.           First-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.           4.2.         Most important symptoms and effects, both acute and delayed           Symptoms/injuries         : The most important frown symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.           5.1         Extiguishing media         : Alcohol resistant foam. Carbon dioide. Dry powder. Water spray or tog for cooling exposed containers. May form fianmable/explosive vapor-air mixture.      <tr< td=""><td>3.1. Substance</td><td></td><td></td><td></td></tr<></e>	3.1. Substance				
6-Flooro-2(trifluoromethylbenzaldehyde Mem constituent)         (CAS No) 90381-08-1         ce 100         Flam. Lit, 4.127 Strifl, 2. H315 STOT SE 3, H335           2.         Mixture         STOT SE 3, H335         STOT SE 3, H335           2.1         Mixture         STOT SE 3, H335         STOT SE 3, H335           2.1         Mixture         STOT SE 3, H335         STOT SE 3, H335           2.1         Mixture         Stot SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT SE 3, H335         STOT SE 3, H335           STOT SE 3, H335         STOT M35         STOT SE 3, H335	Substance type	: Mono-constituent			
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(Memic construient)       Skin Intri, 2, H315         Full text of H-phrases: see section 16       StOT SE 3, H335         3.2.       Mixture         Not applicable       SECTION 44 First aid measures         First-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.         First-aid measures after inhalation       : Remove person to fresh air and keep comfortable for breaking, give antifurespiration. Get medical advice/attention.         First-aid measures after skin contact       : Wash with plenty of scap and water. Get medical advice/attention.         First-aid measures after inpestion       : Do NOT induce onyolity with water for at least 15 minutes. Remove contact lens present and easy to do. Continue insing. Get medical advice/attention.         First-aid measures after ingestion       : Do NOT induce onyolity with water. Get medical advice/attention.         First-aid measures after ingestion       : Do NOT induce onyolity with water. Get medical advice/attention.         First-aid measures after ingestion       : Do NOT induce onyolity with water. Get medical advice/attention.         Symptoms/injuries       : The most important hown symptoms and effects are described in the labelling (see sectic 2.2) and/or in section 11.         Stata important symptoms and effects, both acute and delayed       :         Symptoms/injuries       : Alcohol resistant foam. Carbon dioxide. D				, ,	
3.2.       Mixture         Not applicable       SECTION 4: First aid measures         First-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.         First-aid measures after inhalation       : Remove person to fresh air and keep conflortable for breathing, give artifin respiration. Get medical advice/attention.         First-aid measures after eye contact       : Wash with plenty of soog and water. Get medical advice/attention.         First-aid measures after eye contact       : Immediately flush eyes thoroughly with water for at leasts 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Cet medical advice/attention.         First-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.         4.2.       Most important symptoms and effects, both actue and delayded         Symptoms/injuries       : The most important known symptoms and effects are described in the labelling (see sectio 2.2.) and/or in section 11.         4.3.       Indication of any immediate medical advice/attention generates: Carbon oxides. Hydrogen fluoride.         5.4.       Extinguishing media       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         5.7.       Special hazards arising from the substance or mixture       : Thermal decompositi				Skin Irrit. 2, H315 Eye Irrit. 2A, H319	
Not applicable SECTION 4: First aid measures First-aid measures First-aid measures general increase several	Full text of H-phrases: see section 16	·	· · ·	·	
SECTION 4: First aid measures         4.1       Description of first aid measures         First-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.         First-aid measures after inhalation       : Remove person to fresh air and keep comfortable for breathing. If not breathing, give antifi- respiration. Get medical advice/attention.         First-aid measures after skin contact       : Wash with plenty of soap and water. Get medical advice/attention.         First-aid measures after reye contact       : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention.         First-aid measures after ingestion       : Do NOT induce vorming. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.         4.2.       Most important symptoms and effects. both acute and delayed         Symptoms/injuries       : The most important known symptoms and effects are described in the labelling (see sectic 2.2) and/or in section 11.         4.3.       Indication of any immediate medical attention and special treatment needed         Treat symptomatically.       SECTION 5: Firefighting media         Suitable extinguishing media       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         Si.       Special hazar	3.2. Mixture				
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2.2) and/or in section 11.         4.3. Indication of any immediate medical attention and special treatment needed         Treat symptomatically.         SECTION 5: Firefighting measures         5.1. Extinguishing media         Suitable extinguishing media         Suitable extinguishing media         Section appropriate for surrounding fire.         5.2. Special hazards arising from the substance or mixture         Fire hazard         Explosion hazard         Stitable extinguishing instructions         Firefighting instructions         Firefighting         Sector during firefighting	4.2. Most important symptoms and e				
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SECTION 5: Firefighting measures         5.1.       Extinguishing media         Suitable extinguishing media       : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.         5.2.       Special hazards arising from the substance or mixture         Fire hazard       : Thermal decomposition generates: Carbon oxides. Hydrogen fluoride.         Explosion hazard       : Risk of explosion if heated under confinement. Use water spray or fog for cooling exposed containers. May form flammable/explosive vapor-air mixture.         5.3.       Advice for firefighters         Firefighting instructions       : In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.         Protection during firefighting       : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection section 8: "Exposure controls/personal protection general measures         6.1.       Personal precautions, protective equipment and emergency procedures         General measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe gas, fur vapor or spray.         6.1.1.       For non-emergency personnel         Emergency procedures       : Only qualified personnel equipped with suitable protective equipment may intervene.	4.3. Indication of any immediate me	dical attention and special treatm	ent needed		
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Protection during firefighting       : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection         SECTION 6: Accidental release measures       Solution         Solution       Personal precautions, protective equipment and emergency procedures         General measures       : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe gas, fur vapor or spray.         Solution       For non-emergency personnel         Emergency procedures       : Only qualified personnel equipped with suitable protective equipment may intervene.	-	: In case of fire: Evacuate are	ea. Fight fire remotely due to the	risk of explosion.	
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Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.	General measures		sonnel. Ensure adequate air vent	tilation. Do not breathe gas, fumes,	
Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.	6.1.1. For non-emergency personnel				
10/03/2017 EN (English US) SDS ID: 2815352		: Only qualified personnel eq	uipped with suitable protective e	equipment may intervene.	
	10/03/2017	EN (English US)	SDS ID: 28153	52 2/6	

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6.1.2. For emergency responders			
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		
Emergency procedures	: Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source or ignition.		
6.2. Environmental precautions			
Avoid release to the environment. Notify aut	horities if product enters sewers or public waters.		
6.3. Methods and material for contai	Methods and material for containment and cleaning up		
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.		
Methods for cleaning up	: Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area.		
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	e		
7.1. Precautions for safe handling			
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.		
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe fumes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from ignition sources (including static discharges). Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools.		
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, inc	luding any incompatibilities		
Technical measures	: Comply with applicable regulations.		
Storage conditions	: Keep container closed when not in use. Keep away from ignition sources. Air sensitive. Keep contents under inert gas.		
Incompatible materials	: Refer to Section 10 on Incompatible Materials.		

### **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	
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection : In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respir Protection.	
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: 82 °C
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	: 192.11 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
9.2. Other information	

Refractive index

: 1.4495 (@ 20 °C)

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
Keep away from heat, sparks and flame.
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.
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

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SECT	ION 12: Ecological information
12.1.	Toxicity
No addi	tional information available
12.2.	Persistence and degradability
No addi	tional information available
12.3.	Bioaccumulative potential
No addi	tional information available
12.4.	Mobility in soil
No addi	tional information available
12.5.	Other adverse effects
No addi	tional information available

SECTION 13: Disposal consideration	
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	
Transport document description	: NA1993 Combustible liquid, n.o.s., 3, III
UN-No.(DOT)	: NA1993
Proper Shipping Name (DOT)	: Combustible liquid, n.o.s.
Transport hazard class(es) (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	: III - Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Symbols	: D - Proper shipping name for domestic use only, or to and from Canada,G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102)	<ul> <li>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).</li> <li>T1 - 1.5 178.274(d)(2) Normal</li></ul>
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Other information	: No supplementary information available.
TDG	
No additional information available	
Transport by sea	

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#### 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:

5-Fluoro-2-(trifluoromethyl)benzaldehyde	CAS No 90381-08-1	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:

Full lext of m-philases.	
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard	: 2 - Must be moderately heated or exposed to relatively high temperature 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	2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)
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.