

2-Methyl-4-(trifluoromethoxy)benzoic acid

Safety Data Sheet 2721321 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/02/2015 Version: 1.0

SECTION 1: Identification	
I.1. Identification	
Product form	· Substansa
	: Substance
	: 2-Methyl-4-(trifluoromethoxy)benzoic acid
CAS No	: 261951-91-1
Product code	: 2721-3-21
formula	: C9H7F3O3
ynonyms	: 2-Carboxy-5-(trifluoromethoxy)toluene; 4-(Trifluoromethoxy)-o-toluic acid
Other means of identification	: MFCD01631542
.2. Relevant identified uses of the	substance or mixture and uses advised against
lse of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and development
.3. Details of the supplier of the sa	ifety data sheet
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Ameri Γ (386) 462-0788 - F (386) 462-7097 nfo@synquestlabs.com - www.synquestlab	
I.4. Emergency telephone number	
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirato	n irritation
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0.0 Other harrest					
2.3. Other hazards					
No additional information available 2.4. Unknown acute toxicity (GHS US)					
2.4. Unknown acute toxicity (GHS US) Not applicable					
SECTION 3: Composition/information on ingredients					
3.1. Substance		and a fillen and			
Substance type	: Monc	-constituent	t.	t	
Name		Product identifier	%	Classification (GHS-US)	
2-Methyl-4-(trifluoromethoxy)benzoic acid (Main constituent)		(CAS No) 261951-91-1	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335	
Full text of H-phrases: see section 16				·	
3.2. Mixture					
Not applicable					
SECTION 4: First aid measures					
4.1. Description of first aid measures					
First-aid measures general		se of accident or if you feel unwell, seek e possible). Move the affected personnel			
First-aid measures after inhalation		ove person to fresh air and keep comforta ation. Get medical advice/attention.	able for breathin	g. If not breathing, give artific	ial
First-aid measures after skin contact		with plenty of soap and water. Get med			
First-aid measures after eye contact		diately flush eyes thoroughly with water nt and easy to do. Continue rinsing. Get			es, if
First-aid measures after ingestion		OT induce vomiting. Never give anything n out with water. Get medical advice/atte		unconscious person. Rinse	
4.2. Most important symptoms and effe	ects, both	acute and delayed			
Symptoms/injuries		nost important known symptoms and effe ind/or in section 11.	ects are describe	ed in the labelling (see section	n
4.3. Indication of any immediate medic	al attentio	n and special treatment needed			
Treat symptomatically.					
SECTION 5: Firefighting measures					
5.1. Extinguishing media					
Suitable extinguishing media		ol resistant foam. Carbon dioxide. Dry popriate for surrounding fire.	owder. Water sp	oray. Use extinguishing media	l
5.2. Special hazards arising from the s	ubstance	or mixture			
Fire hazard	: Therr	nal decomposition generates: Carbon ox	ides. Hydrogen	fluoride.	
5.3. Advice for firefighters					
Protection during firefighting		ot attempt to take action without suitable to section 8: "Exposure controls/persona		ment. For further information	
SECTION 6: Accidental release measures					
6.1. Personal precautions, protective e	quipment	and emergency procedures			
General measures		uate unnecessary personnel. Ensure ade ne dust.	equate air ventila	ation. Avoid raising dust. Do r	not
6.1.1. For non-emergency personnel					
Emergency procedures	: Only	qualified personnel equipped with suitab	le protective equ	uipment may intervene.	
6.1.2. For emergency responders					
Protective equipment		ot attempt to take action without suitable to section 8: "Exposure controls/persona		ment. For further information	
6.2. Environmental precautions					
Avoid release to the environment. Notify autho	rities if proc	luct enters sewers or public waters.			
6.3. Methods and material for containing	6.3. Methods and material for containment and cleaning up				
Methods for cleaning up		p or shovel spills into appropriate contain	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, inclue	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.

No additional information available

8.2. Exposure controls			
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.		
Hand protection	: Protective gloves.		
Eye protection	: Chemical goggles or safety glasses. Face shield.		
Skin and body protection	: Wear suitable protective clothing.		
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.		

SECTION 9: Physical and chemical properties

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Viscosity, dynamic	: No data available		
Viscosity, kinematic	: No data available		
Viscosity	: No data available		
Decomposition temperature	: No data available		
Auto-ignition temperature	: No data available		
Log Pow	: No data available		
Solubility	: No data available		
Molecular mass	: 220.15 g/mol		
Relative vapor density at 20 °C	: No data available		
Relative density	: No data available		
Vapor pressure	: No data available		
Oxidizing properties	: No data available		
Explosive properties	: No data available		
Explosion limits	: No data available		
Flammability (solid, gas)	: No data available		
Relative evaporation rate (butyl acetate=1)	: No data available		
Flash point	: No data available		
Boiling point	: No data available		
Freezing point	: No data available		
Melting point	: 88 - 89 °C		
pH	: No data available		
Odor threshold	: No data available		
Odor	: No data available		
Color	: No data available		
Physical state	: Solid		

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9.2.	Other information
No addi	tional information available
SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No addi	tional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
No addi	tional information available
10.5.	Incompatible materials
Strong I	bases. Strong oxidizing agents.
10.6.	Hazardous decomposition products
Undern	armal conditions of storage and use hazardous decomposition products should not be produced. Hazardous decomposition products in some of

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	I 11: Toxicological information
11.1.	formation 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 consideration	ns	
Waste treatment methods : Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.	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.	Waste disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.	

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SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

2-Methyl-4-(trifluoromethoxy)benzoic acid

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS No 261951-91-1

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

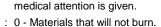
SECTION 16: Other information

Full text of H-phrases:

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

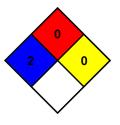
NFPA health hazard

NFPA fire hazard	
NFPA reactivity	



: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt



100%

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HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.