

# **4-Methyl-2-(trifluoromethyl)benzoic acid** Safety Data Sheet 28213X1 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 10/02/2015 Version: 1.0

: Substance
: 4-Methyl-2-(trifluoromethyl)benzoic acid
: 120985-64-0
: 2821-3-X1
: C9H7F3O2
: MFCD01631591
stance or mixture and uses advised against
: Laboratory chemicals Manufacture of substances Scientific research and development
data sheet
<u>m</u>
: (844) 523-4086 (3E Company - Account 10069)
nixture
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tion itation
:
:
: GHS07
: Warning
<ul> <li>Warning</li> <li>H315 - Causes skin irritation</li> <li>H319 - Causes serious eye irritation</li> </ul>
<ul> <li>Warning</li> <li>H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P261 - Avoid breathing dust, mist P264 - Wash skin thoroughly after handling</li> </ul>
<ul> <li>Warning</li> <li>H315 - Causes skin 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</li> </ul>
<ul> <li>Warning</li> <li>H315 - Causes skin 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</li> </ul>
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2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/informati	ion on ir	gredients		
3.1. Substance				
Substance type	: Mone	o-constituent		
Name		Product identifier	%	Classification (GHS-US)
4-Methyl-2-(trifluoromethyl)benzoic acid (Main constituent)		(CAS No) 120985-64-0	<= 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	wher	se of accident or if you feel unwel e possible). Move the affected pe	rsonnel away from th	e contaminated area.
First-aid measures after inhalation	respi	ration. Get medical advice/attention	on.	ning. If not breathing, give artificial
First-aid measures after skin contact		n with plenty of soap and water. G		
First-aid measures after eye contact	prese	ent and easy to do. Continue rinsi	ng. Get medical advid	
First-aid measures after ingestion	mout	OT induce vomiting. Never give a h out with water. Get medical adv		an unconscious person. Rinse
4.2. Most important symptoms and effects, both acute and delayed				
<b>D</b> <i>i i i i</i>				
Symptoms/injuries	: The	most important known symptoms and/or in section 11.	and effects are descr	ibed in the labelling (see section
	: The ( 2.2)	most important known symptoms and/or in section 11.		ibed in the labelling (see section
4.3. Indication of any immediate medic	: The ( 2.2)	most important known symptoms and/or in section 11.		ibed in the labelling (see section
<b>4.3.</b> Indication of any immediate medic Treat symptomatically.	: The 2.2) : cal attentic	most important known symptoms and/or in section 11.		ibed in the labelling (see section
4.3.         Indication of any immediate media           Treat symptomatically.         SECTION 5: Firefighting measures           5.1.         Extinguishing media	: The 2.2); cal attentic	most important known symptoms and/or in section 11.	1	
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Other ir	nformation	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4.	Reference to other sections	
No add	itional information available	
SECT	ION 7: Handling and stora	ge
7.1.	Precautions for safe handling	
Precau	tions 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	e 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, in	cluding any incompatibilities
Storage	e conditions	: Keep container tightly closed.
Incomp	atible materials	: Refer to Section 10 on Incompatible Materials.
Storage	e area	: Store in dry, cool, well-ventilated area.

## 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.
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**

0.1 Information on basic physical and chamical propertie

10/00/0010	EN (E	0.10
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	: 204.15 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	: 135 - 141 °C	
рН	: 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 b	bases. Strong oxidizing agents.
10.6.	Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.

SECTION 11: Toxicological information		
11.1.	Information on toxicological effects	

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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

SECTION 13: Disposal considerations			
13.1.	Waste treatment methods		
Waste tre	eatment 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:

4-Methyl-2-(trifluoromethyl)benzoic acid		· ·	,	,
	4-Methyl-2-(trifluorom	ethvl)h	nenzoic	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 120985-64-0

#### **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

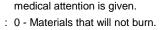
## **SECTION 16: Other information**

#### 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	

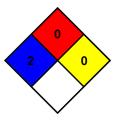
NFPA health hazard

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%

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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.