

Safety Data Sheet 26213Z1 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	
1.1. Identification	
Product form	: Substance
Substance name	: 4-(1,1,2,2-Tetrafluoroethoxy)benzoic acid
CAS No	: 10009-25-3
Product code	: 2621-3-Z1
Formula	: C9H6F4O3
Other means of identification	: MFCD00155926
1.2. Relevant identified uses of the sub	ostance 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.co	<u>om</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	
Classification (GHS-US)	
Full text of H-phrases: see section 16 2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	: GHS07
Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Precautionary statements (GHS-US)	<ul> <li>P261 - Avoid breathing dust, mist</li> <li>P264 - Wash skin thoroughly after handling</li> <li>P271 - Use only outdoors or in a well-ventilated area</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection</li> </ul>

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	her hazards			
	l information available			
2.4. Un Not applicab	known acute toxicity (GHS US)			
	3: Composition/information	on ingredients		
	Ibstance	Management		
Substance ty	/pe :	Mono-constituent		
Name		Product identifier	%	Classification (GHS-US)
4-(1,1,2,2-1e (Main constitue	etrafluoroethoxy)benzoic acid ent)	(CAS No) 10009-25-3	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Full text of H	-phrases: see section 16			
	xture			
Not applicab				
	4: First aid measures			
	escription of first aid measures			
irst-aid mea	asures general :	In case of accident or if you feel unw where possible). Move the affected p		
irst-aid mea	asures after inhalation :	Remove person to fresh air and keep respiration. Get medical advice/atten	comfortable for breath	
First-aid mea	asures after skin contact :	Wash with plenty of soap and water.		ention.
irst-aid mea	asures after eye contact :	Immediately flush eyes thoroughly w present and easy to do. Continue rin		
irst-aid mea	asures after ingestion :	Do NOT induce vomiting. Never give mouth out with water. Get medical ac		an unconscious person. Rinse
.2. Mo	ost important symptoms and effects,	both acute and delayed		
Symptoms/in	ijuries :	The most important known symptom 2.2) and/or in section 11.	s and effects are descri	bed in the labelling (see section
4.3. Inc	dication of any immediate medical at	tention and special treatment need	ed	
Freat sympto	omatically.			
SECTION	5: Firefighting measures			
	tinguishing media			
		Alcohol resistant foam. Carbon dioxid appropriate for surrounding fire.	de. Dry powder. Water	spray. Use extinguishing media
5.2. Sp	ecial hazards arising from the subst	ance or mixture		
ire hazard	:	Thermal decomposition generates: C	arbon oxides. Hydroge	n fluoride.
5.3. Ad	lvice for firefighters			
	uring firefighting :	Do not attempt to take action without		ipment. For further information
		refer to section 8: "Exposure controls	/personal protection".	
<b>ECTION</b>	6: Accidental release measu	res		
	rsonal precautions, protective equip			
General mea		Evacuate unnecessary personnel. En breathe dust.	nsure adequate air vent	tilation. Avoid raising dust. Do not
6.1.1. Fo	r non-emergency personnel			
mergency p		Only qualified personnel equipped w	ith suitable protective e	quipment may intervene.
<b>5.1.2.</b> Fo Protective ec	r emergency responders quipment	Do not attempt to take action without refer to section 8: "Exposure controls		ipment. For further information
5.2. En	vironmental precautions			
		if product enters sewers or public wat	ers.	
void release				
	ethods and material for containment			

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Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4. Reference to othe	er sections
No additional information ava	ailable
<b>SECTION 7: Handling</b>	and storage
7.1. Precautions for s	afe handling
Precautions for safe handling	<ul> <li>Ensure good ventilation of the work station. Do not breathe dust. Avoid raising dust. Wear personal protective equipment. Avoid contact with skin and eyes.</li> </ul>
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 sa	fe storage, including 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.

<b>SECTION 8: Exposure control</b>	ols/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.	
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.	

9.1. Information on basic physical and	d chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 176 - 177 °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	: 238.14 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 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	pases. Strong oxidizing agents.
10.6.	Hazardous decomposition products
l Inder n	ormal conditions of storage and use hazardous decomposition products should not be produced. Hazardous decomposition products in case of

Under normal conditions fire, see Section 5. dous decomposition products should not be produced. Hazardous decomposition products in cas ıy

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 treatment methods : Remove	to an authorized incinerator equipped with an afterburner and a flue gas scrubber.	
Waste disposal recommendations : Dispose	: 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

Substances control Act (13CA) inventory exception.
1 (1 1 2 2 Totroflyoroothoxy) bonzoio poid

CAS No 10009-25-3 100% 4-(1,1,2,2-Tetrafluoroethoxy)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.

#### 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

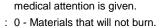
## **SECTION 16: Other information**

#### 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	

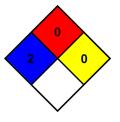
NFPA health hazard

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



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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.