

Safety Data Sheet 2621725 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 03/04/2016 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 2-Chloro-5-fluorobenzoic acid
CAS No	: 2252-50-8
Product code	: 2621-7-25
Formula	: C7H4CIFO2
Other means of identification	: MFCD00156967
1.2. Relevant identified uses of the su	Ibstance 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 safe	ty 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
1.4. Emergency telephone number	· (0.44) E00 4000 (2E Company, Account 40000)
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	on
2.1. Classification of the substance o	r mixture
Classification (GHS-US)	
Eye Irrit. 2AH319 - Causes serious eye irrSTOT SE 3H335 - May cause respiratoryFull text of H-phrases: see section 162.2.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)	 P261 - Avoid breathing dust, mist, spray 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 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant

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2.3. Other hazards	onday, March 26, 2012 / Rules and Re	gulations		
No additional information available				
2.4. Unknown acute toxicity (GHS	US)			
Not applicable	/			
SECTION 3: Composition/inform	nation on ingredients			
3.1. Substance				
Substance type	: Mono-constituent			
Name	Product identif	er	%	Classification (GHS-US)
2-Chloro-5-fluorobenzoic acid	(CAS No) 2252-50-8	-	<= 100	Skin Irrit. 2, H315
(Main constituent)				Eye Irrit. 2A, H319 STOT SE 3, H335
Full text of H-phrases: see section 16				0101 02 3, 11333
3.2. Mixture				
Not applicable				
SECTION 4: First aid measures				
4.1. Description of first aid measur	res			
First-aid measures general	: In case of accident or if where possible). Move the second seco	, · · ·		immediately (show the label contaminated area.
First-aid measures after inhalation	: Remove person to fresh respiration. Get medica		ble for breathin	ng. If not breathing, give artificial
First-aid measures after skin contact	: Wash with plenty of soa	•		
First-aid measures after eye contact	present and easy to do.	Continue rinsing. Get I	medical advice	
First-aid measures after ingestion	: Do NOT induce vomiting mouth out with water. G			n unconscious person. Rinse
4.2. Most important symptoms and	l effects, both acute and delaye	t		
Symptoms/injuries	: The most important kno 2.2) and/or in section 12		cts are describ	ed in the labelling (see section
4.3. Indication of any immediate m	edical attention and special trea	tment needed		
Treat symptomatically.				
SECTION 5: Firefighting measu	res			
5.1. Extinguishing media				
Suitable extinguishing media	: Alcohol resistant foam. appropriate for surround		wder. Water sj	pray. Use extinguishing media
5.2. Special hazards arising from t	he substance or mixture			
Fire hazard	: Thermal decomposition	generates: Carbon oxi	des. Hydrogen	chloride. Hydrogen fluoride.
5.3. Advice for firefighters				
Firefighting instructions	: In case of fire: Evacuate	area.		
Protection during firefighting				with self contained breathing re controls/personal protection".
SECTION 6: Accidental release				
	ve equipment and emergency p			
General measures	: Evacuate unnecessary	personnel. Ensure ade	quate air ventil	ation. Do not breathe dust.
6.1.1. For non-emergency personnel				
Emergency procedures	: Only qualified personne	equipped with suitable	e protective eq	uipment may intervene.
6.1.2. For emergency responders				
Protective equipment	: Do not attempt to take a refer to section 8: "Expo			oment. For further information
6.2. Environmental precautions	·			
Avoid release to the environment. Notify a	uthorities if product enters sewers	or public waters.		
6.3. Methods and material for cont				
For containment	: Stop leak if safe to do s	D.		
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Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.	
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 stora	ge	
7.1. Precautions for safe handling		
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 dust, mist, spray. 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, in	cluding any incompatibilities	

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Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
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

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical an	nd chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 147 - 150 °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	: 174.56 g/mol
Solubility	: No data available
Log Pow	: No data available

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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	
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 har	ndling and storage conditions.
10.3. Possibility of hazardou	s reactions
No additional information available	
10.4. Conditions to avoid	
Keep away from heat, sparks and f	iame.
10.5. Incompatible materials	
Strong bases. Strong oxidizing age	ints.
10.6. Hazardous decomposit	ion products
Under normal conditions of storage fire, see Section 5.	e and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case o
SECTION 11: Toxicologica	al information
11.1. Information on toxicolo	gical effects

Acute toxicity	: Not classified
Skin corrosion/irritation Serious eye damage/irritation	 Causes skin irritation. Causes serious eve irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity Reproductive toxicity	: Not classified : 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				
OLOH				
12.1.	Toxicity			
No addit	ional information available			
12.2.	Persistence and degradability			
No addit	ional information available			
12.3.	Bioaccumulative potential			
No addit	ional information available			
12.4.	Mobility in soil			
No addit	ional information available			
12.5.	Other adverse effects			
No addit	ional information available			

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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 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

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-Chloro-5-fluorobenzoic acid	CAS No 2252-50-8	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:

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

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NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard	: 0 - Materials that will not burn.
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	: 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.