

1-[4-(Trifluoromethoxy)phenyl]piperazine Safety Data Sheet 4H07354 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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SECTION 1: Identification 1.1. Identification Product form Substance name CAS No Product code Formula Synonyms Other means of identification 1.2. Relevant identified uses of the substance/mixture 1.3. Details of the supplier of the safe SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Americ Γ (386) 462-0788 - F (386) 462-7097 nfo@synquestlabs.com - www.synquestlabs 1.4. Emergency telephone number Emergency number SECTION 2: Hazard(s) identificatio 2.1. Classification of the substance of Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eve Irrit. 2A H319 - Causes serious eve ir	ca <u>s.com</u> : (844) 523-4086 (3E Company - Account 10069)
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Full text of H-phrases: see section 16	
2.2. Label elements GHS-US labeling	
Hazard pictograms (GHS-US)	
Signal word (GHS-US) Hazard statements (GHS-US)	GHS07 : Warning : H315 - Causes skin irritation H319 - Causes serious eye irritation
	H335 - May cause respiratory irritation

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2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/information of	on ingred	ents		
3.1. Substance				
Substance type :	Mono-const	ituent		
Name	Proc	luct identifier	%	Classification (GHS-US)
1-[4-(Trifluoromethoxy)phenyl]piperazine (Main constituent)	(CAS	No) 187669-62-1	<= 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				
0		ccident or if you feel unwell, seek r ble). Move the affected personnel		, , , , , , , , , , , , , , , , , , , ,
		son to fresh air and keep comforta Get medical advice/attention.	able for breathin	g. If not breathing, give artificial
First-aid measures after skin contact :	Wash with p	lenty of soap and water. Get medi	cal advice/atten	tion.
		flush eyes thoroughly with water f easy to do. Continue rinsing. Get		-
		uce vomiting. Never give anything ith water. Get medical advice/atter		unconscious person. Rinse
4.2. Most important symptoms and effects,	both acute	and delayed		
		portant known symptoms and effe n section 11.	ects are describe	ed in the labelling (see section
4.3. Indication of any immediate medical att	ention and	special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media :		stant foam. Carbon dioxide. Dry po for surrounding fire.	owder. Water sp	ray. Use extinguishing media
5.2. Special hazards arising from the substa	ance or mix	ture		
Fire hazard :	Thermal de	composition generates: Carbon oxi	ides. Hydrogen	fluoride. Nitrogen oxides.
5.3. Advice for firefighters				
	In case of fi	e: Evacuate area.		
		ght chemically protective clothing in For further information refer to sect		
SECTION 6: Accidental release measur	es			
6.1. Personal precautions, protective equip		mergency procedures		
		nnecessary personnel. Ensure ade	quate air ventila	ation. Do not breathe dust.
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6.1.1. For non-emergency personnel	.			
Emergency procedures :	Only qualifie	ed personnel equipped with suitable	e protective equ	lipment may intervene.
6.1.2. For emergency responders				
		npt to take action without suitable pion 8: "Exposure controls/personal		ment. For further information
6.2. Environmental precautions				

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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6.3. Methods and material for containm	ent and cleaning up
For containment	: Stop leak if safe to do so.
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 storage	
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, includ	ing 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.
Storage area	: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

: 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.
: Protective gloves. 29 CFR 1910.138: Hand Protection.
: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
: Wear suitable protective clothing.
: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
: Safety shoes. 29 CFR 1910.136: Foot Protection.

9.1. Information on basic physical and Physical state Color Odor	d chemical properties : Solid : No data available : No data available		
Color	: No data available		
Odar	· No data available		
0001			
Odor threshold	: No data available		
pH	: No data available		
Melting point	: No data available		
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	: 246.2289 g/mol		
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: No data available
: 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 handling and sto	orage 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 acids. Strong oxidizing agents.	
10.6. Hazardous decomposition products	\$
	zardous decomposition products should not be produced. Hazardous decomposition products in case of
fire, see Section 5.	
SECTION 11: Toxicological informat	tion
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	· Not classified

Specific target organ toxicity (repeated : Not classified exposure)

Aspiration hazard

: Not classified

SECTI	ON 12: Ecological information			
12.1.	Toxicity			
No additi	ional information available			
12.2.	Persistence and degradability			
No additi	ional information available			
12.3.	Bioaccumulative potential			
No additi	ional information available			
12.4.	Mobility in soil			
No additi	ional information available			
12.5.	Other adverse effects			
No additi	onal information available			
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SECTION 13: Disposal consideration	ons
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	n
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	on
15.1. US Federal regulations	
All components of this product are listed, or e Substances Control Act (TSCA) inventory exe	excluded from listing, on the United States Environmental Protection Agency Toxic cept for:

1-[4-(Trifluoromethoxy)phenyl]piperazine CAS No 187669-62-1 100%			
	1-[4-(Trifluoromethoxy)phenyl]piperazine	CAS No 187669-62-1	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:

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
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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	: 1 - Must be preheated 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	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
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.