

**4-Chloromethylperfluorotoluene** Safety Data Sheet 18007X9 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 08/16/2018 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 4-Chloromethylperfluorotoluene
CAS No	: 248262-31-9
Product code	: 1800-7-X9
Formula	
Synonyms	: 1-(Chloromethyl)-2,3,5,6-tetrafluoro-4-(trifluoromethyl)benzene; 4- (Chloromethyl)perfluorotoluene
Other means of identification	: MFCD04039263
	ance 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 d	ata shoot
SynQuest Laboratories, Inc.	
P.O. Box 309	
Alachua, FL 32615 - United States of America	
T (386) 462-0788 - F (386) 462-7097 info@synguestlabs.com - www.synguestlabs.com	
1.4. Emergency telephone number	
	: (844) 523-4086 (3E Company - Account 10069)
	. (044) 323-4000 (3E Company - Account 10009)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	xture
Classification (GHS-US)	
Flam. Liq. 4 H227 - Combustible liquid Acute Tox. 4 (Oral) H302 - Harmful if swallowe	d
Skin Irrit. 2 H315 - Causes skin irritatio	
Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirat	
STOT SE 3 H335 - May cause respirat Full text of H-phrases: see section 16	ory intrauon
Full lext of n-philases. see section to	
2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	: CHS07
	: GHS07 : Warning
Signal word (GHS-US)	: Warning
Signal word (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid</li> <li>H302 - Harmful if swallowed</li> <li>H315 - Causes skin irritation</li> </ul>
Signal word (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid</li> <li>H302 - Harmful if swallowed</li> <li>H315 - Causes skin irritation</li> <li>H319 - Causes serious eye irritation</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> </ul>
Signal word (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P312 - If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell P302+P352 - If on skin: Wash with plenty of soap and water</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P312 - If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell 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</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P312 - If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell 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</li> </ul>
Signal word (GHS-US) Hazard statements (GHS-US)	<ul> <li>Warning</li> <li>H227 - Combustible liquid H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P312 - If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell 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</li> </ul>

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	P32 P33 P33 P33 P36 P37 P40 P40 P40	<ul> <li>P312 - Call a POISON CENTER or doctor/physician if you feel unwell</li> <li>P321 - Specific treatment (see supplemental first aid instructions on this label)</li> <li>P330 - Rinse mouth</li> <li>P332+P313 - If skin irritation occurs: Get medical advice/attention</li> <li>P337+P313 - If eye irritation persists: Get medical advice/attention</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse</li> <li>P370+P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish</li> <li>P403+P233 - Store in a well-ventilated place. Keep container tightly closed</li> <li>P405 - Store locked up</li> <li>P501 - Dispose of contents/container to an approved waste disposal plant</li> </ul>		
2.3. Other hazards No additional information available				
2.4. Unknown acute toxicity (GHS US	S)			
Not applicable				
SECTION 3: Composition/informa	ation on i	ngredients		
3.1. Substance				
Substance type	: Mon	o-constituent		
Name		Product identifier	%	Classification (GHS-US)
4-Chloromethylperfluorotoluene (Main constituent)		(CAS No) 248262-31-9	<= 100	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 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	whe	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area.		
First-aid measures after inhalation	resp	nove person to fresh air and keep con iration. Get immediate medical advice	e/attention.	
First-aid measures after skin contact		h with plenty of soap and water. Get		
First-aid measures after eye contact	pres	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.		
	: Dor	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get immediate medical advice/attention.		
First-aid measures after ingestion				
4.2. Most important symptoms and e	mou effects, both	th out with water. Get immediate med acute and delayed	dical advice/attent	ion.
-	mou effects, both : The	th out with water. Get immediate med	dical advice/attent	ion.
4.2. Most important symptoms and e Symptoms/injuries	mou effects, both : The 2.2)	th out with water. Get immediate med acute and delayed most important known symptoms and	dical advice/attent	ion.
4.2. Most important symptoms and e Symptoms/injuries	mou effects, both : The 2.2)	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11.	dical advice/attent	ion.
4.2.       Most important symptoms and e         Symptoms/injuries         4.3.       Indication of any immediate mediate	mou effects, both : The 2.2) dical attentio	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11.	dical advice/attent	ion.
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate meet Treat symptomatically.</li> </ul>	mou effects, both : The 2.2) dical attentio	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11.	dical advice/attent	ion.
4.2.       Most important symptoms and e         Symptoms/injuries         4.3.       Indication of any immediate med         Treat symptomatically.         SECTION 5: Firefighting measure         5.1.       Extinguishing media	mou effects, both : The 2.2) dical attentions S : Alco	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11.	dical advice/attent	ion. ribed in the labelling (see section
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate med Treat symptomatically.</li> <li>SECTION 5: Firefighting measure</li> <li>5.1. Extinguishing media</li> <li>Suitable extinguishing media</li> </ul>	mou effects, both : The 2.2) dical attention es : Alco appr	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11. on and special treatment needed hol resistant foam. Carbon dioxide. D opriate for surrounding fire.	dical advice/attent	ion. ribed in the labelling (see section
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate med Treat symptomatically.</li> <li>SECTION 5: Firefighting measure 5.1. Extinguishing media</li> <li>Suitable extinguishing media</li> <li>5.2. Special hazards arising from the</li> </ul>	mou effects, both : The 2.2) dical attention S : Alco appr e substance	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11. on and special treatment needed hol resistant foam. Carbon dioxide. D opriate for surrounding fire.	dical advice/attent d effects are desc Dry powder. Water	ion. ribed in the labelling (see section spray. Use extinguishing media
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate med Treat symptomatically.</li> <li>SECTION 5: Firefighting measure 5.1. Extinguishing media</li> <li>Suitable extinguishing media</li> <li>5.2. Special hazards arising from the Fire hazard</li> </ul>	mou effects, both : The 2.2) dical attentions S : Alco appr e substance : The : Risk	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11. on and special treatment needed hol resistant foam. Carbon dioxide. D opriate for surrounding fire. or mixture	dical advice/attent d effects are desc Dry powder. Water on oxides. Hydrog ment. Use water s	ion. ribed in the labelling (see section spray. Use extinguishing media en chloride. Hydrogen fluoride. pray or fog for cooling exposed
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate mee Treat symptomatically.</li> <li>SECTION 5: Firefighting measure</li> <li>5.1. Extinguishing media</li> <li>Suitable extinguishing media</li> </ul>	mou effects, both : The 2.2) dical attentions S : Alco appr e substance : The : Risk	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11. on and special treatment needed hol resistant foam. Carbon dioxide. D opriate for surrounding fire. or mixture mal decomposition generates: Carbo of explosion if heated under confine	dical advice/attent d effects are desc Dry powder. Water on oxides. Hydrog ment. Use water s	ion. ribed in the labelling (see section spray. Use extinguishing media en chloride. Hydrogen fluoride. pray or fog for cooling exposed
<ul> <li>4.2. Most important symptoms and e Symptoms/injuries</li> <li>4.3. Indication of any immediate meet Treat symptomatically.</li> <li>SECTION 5: Firefighting measure</li> <li>5.1. Extinguishing media</li> <li>Suitable extinguishing media</li> <li>5.2. Special hazards arising from the Fire hazard</li> <li>Explosion hazard</li> </ul>	mou effects, both : The 2.2) dical attention S : Alco appr e substance : The : Risk cont	th out with water. Get immediate med acute and delayed most important known symptoms and and/or in section 11. on and special treatment needed hol resistant foam. Carbon dioxide. D opriate for surrounding fire. or mixture mal decomposition generates: Carbo of explosion if heated under confine	dical advice/attent d effects are desc Dry powder. Water on oxides. Hydrog ment. Use water s e vapor-air mixtur	ion. ribed in the labelling (see section spray. Use extinguishing media en chloride. Hydrogen fluoride. pray or fog for cooling exposed e.

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SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equipment and emergency procedures				
General measures	: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe gas, fumes, vapor or spray.			
6.1.1. For non-emergency personnel				
Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene.			
6.1.2. For emergency responders				
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".			
Emergency procedures	: Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of ignition.			
6.2. Environmental precautions				
Avoid release to the environment. Notify authoritie	es if product enters sewers or public waters.			
6.3. Methods and material for containment	nt and cleaning up			
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.			
Methods for cleaning up	: Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area.			
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				
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.			
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 fumes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from ignition sources (including static discharges). Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools.			
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, including	g any incompatibilities			
Technical measures	: Comply with applicable regulations.			
Storage conditions	: Keep container closed when not in use. Keep away from ignition sources.			
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.

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SECTION 9: Physical and chemical properties			
9.1. Information on basic physical an			
Physical state	: Liquid		
Color	: No data available		
Odor	: No data available		
Odor threshold	: No data available		
рН	: 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	: 266.543 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		
9.2. Other information			
No additional information available			
<b>SECTION 10: Stability and reactive</b>	ity		
10.1. Reactivity			

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

# 10.4.Conditions to avoidKeep away from heat, sparks and flame.

### 10.5. Incompatible materials

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 informa	tion
11.1. Information on toxicological effect	S
Acute toxicity	: Oral: Harmful if swallowed.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity Specific target organ toxicity (single exposure)	: Not classified : May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECT	ION 12: Ecological information
12.1.	Toxicity
No add	itional information available
12.2.	Persistence and degradability
No add	itional information available
12.3.	Bioaccumulative potential
No add	itional information available
12.4.	Mobility in soil
No add	itional information available
12.5.	Other adverse effects
No odd	itional information available

No additional information available	No	additional	information	available
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SECTION 13: Disposal consideration	S
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.
<b>SECTION 14: Transport information</b>	
Department of Transportation (DOT)	
In accordance with DOT	
Transport document description	: NA1993 Combustible liquid, n.o.s., 3, III
UN-No.(DOT)	: NA1993
Proper Shipping Name (DOT)	: Combustible liquid, n.o.s.
Transport hazard class(es) (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	: III - Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Symbols	: D - Proper shipping name for domestic use only, or to and from Canada,G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102)	<ul> <li>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HD2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).</li> <li>T1 - 1.5 178.274(d)(2) Normal</li></ul>
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L

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DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Other information

: No supplementary information available.

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-Chloromethylperfluorotoluene	CAS No 248262-31-9	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:

Acute toxicity (oral) Category 4
Serious eye damage/eye irritation Category 2A
Flammable liquids Category 4
Skin corrosion/irritation Category 2
Specific target organ toxicity (single exposure) Category 3
Combustible liquid
Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
-

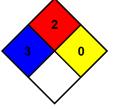
NFPA health hazard

NFPA fire hazard

NFPA reactivity

: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	<ul> <li>2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II &amp; IIIA)</li> </ul>
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.