

Safety Data Sheet 8H53310

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 01/08/2018 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: O-(Benzotriazol-1-yl)-N,N,N',N'-tetramethyluronium tetrafluoroborate
CAS No	: 125700-67-6
Product code	: 8H53-3-10
Formula	: C11H16BF4N5O
Synonyms	1H-Benzotriazolium, 1-[bis(dimethylamino)methylene]-, 3-oxide, tetrafluoroborate(1-) (1:1) / 1- [Bis(dimethylamino)methylene]-1H-benzotriazol-1-ium 3-oxide tetrafluoroborate / 2-(1H- Benzotriazole-1-yl)-1,1,3,3-tetramethyluronium tetrafluoroborate / (1H-Benzotriazol-1-yl)- 1,1,3,3-tetramethyluronium tetrafluoroborate / Methanaminium, N-((1H-benzotriazol-1- yloxy)(dimethylamino)methylene)-N-methyl-, tetrafluoroborate(1-) / N,N,N',N'-Tetramethyl-O- (benzotriazol-1-yl)uronium tetrafluoroborate
Other means of identification	: MFCD00077413
1.2. Relevant identified uses of the s	substance 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 o	iety data sheet
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Americ T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlabs 1.4. Emergency telephone number Emergency number	
Emergency number	. (644) 323-4000 (3E Company - Account 10003)
SECTION 2: Hazard(s) identificati	ion
2.1. Classification of the substance	or mixture
Classification (GHS-US) Flam. Sol. 1 H228 - Flammable solid Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirator	irritation
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	HS02 GHS07
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	 H228 - Flammable solid H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Precautionary statements (GHS-US)	 P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical/ventilating/lighting equipment 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 clothing/eve protection/face protection

P280 - Wear protective gloves/protective clothing/eye protection/face protection

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	P304 P305 lense P312 P321 P332 P337 P362 P370 P403 P403	+P352 - If on skin: Wash with plenty of s +P340 - If inhaled: Remove person to fre +P351+P338 - If in eyes: Rinse cautious s, if present and easy to do. Continue rir - Call a POISON CENTER or doctor/phy - Specific treatment (see supplemental f +P313 - If skin irritation occurs: Get med +P313 - If eye irritation persists: Get med +P364 - Take off contaminated clothing a +P378 - In case of fire: Use dry sand, dr +P233 - Store in a well-ventilated place. - Store locked up - Dispose of contents/container to an ap	sh air and keep ly with water for sing vsician if you fee irst aid instructio ical advice/atten dical advice/atten and wash it befor / chemical or alc Keep container	several minutes. Remove contact I unwell ons on this label) tition ntion rere reuse cohol-resistant foam to extinguish tightly closed
2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/informati	on on in	gredients		
3.1. Substance				
Substance type	: Monc	p-constituent		
Name		Product identifier	%	Classification (GHS-US)
O-(Benzotriazol-1-yl)-N,N,N',N'-tetramethyluronium tetrafluoroborate (Main constituent)		(CAS No) 125700-67-6	<= 100	Flam. Sol. 1, H228 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	where	se of accident or if you feel unwell, seek e possible). Move the affected personnel	away from the o	contaminated area.
First-aid measures after inhalation	respi	ove person to fresh air and keep comfort ration. Get medical advice/attention.		
First-aid measures after skin contact First-aid measures after eye contact		n with plenty of soap and water. Get med ediately flush eyes thoroughly with water		
First-aid measures after eye contact		ent and easy to do. Continue rinsing. Get		
First-aid measures after ingestion		OT induce vomiting. Never give anything hout with water. Get medical advice/atte		unconscious person. Rinse
4.2. Most important symptoms and effe	ects, both	acute and delayed		
Symptoms/injuries	: The r	nost important known symptoms and effe and/or in section 11.	ects are describe	ed in the labelling (see section
4.3. Indication of any immediate medic	al attentio	n and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media		nol resistant foam. Carbon dioxide. Dry popriate for surrounding fire.	owder. Water sp	oray. Use extinguishing media
5.2. Special hazards arising from the s	ubstance	or mixture		
Fire hazard		nal decomposition generates: Borane/bo gen oxides.	ron oxides. Carl	oon oxides. Hydrogen fluoride.
Explosion hazard		n mixed with air and exposed to an ignitic de if confined.	n source, dust r	may burn in the open air or
5.3. Advice for firefighters				
Firefighting instructions	: In ca	se of fire: Evacuate area. Fight fire remot	ely due to the ri	sk of explosion.
Protection during firefighting		gas tight chemically protective clothing i ratus. For further information refer to sec		
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SECTION 6: Accidental release measures			
6.1. Personal precautions, protective e	quipment and emergency procedures		
General measures	: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.		
6.1.1. For non-emergency personnel			
Emergency procedures	: Only gualified 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	 Avoid raising dust. When mixed with air and exposed to an ignition source, dust may burn in the open air or explode if confined. Eliminate every possible source of ignition. 		
6.2. Environmental precautions			
Avoid release to the environment. Notify author	ities if product enters sewers or public waters.		
6.3. Methods and material for containm			
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			
Additional hazards when processed	: When mixed with air and exposed to an ignition source, dust may burn in the open air or explode if confined.		
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. 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, 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. Moisture sensitive. Keep contents under inert gas. Protect from sunlight.		
Incompatible materials	: Refer to Section 10 on Incompatible Materials.		
Storage area	: Store in dry, well-ventilated area.		
SECTION & Exposure controls/por	conclusion		
SECTION 8: Exposure controls/pers			
8.1. Control parameters No additional information available			
8.2. Exposure controls			
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			
9.1. Information on basic physical and	chemical properties		
Physical state	: Solid		
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: No data available

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Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: 195 - 205 °C (dec)
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	: 321.082 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

SECTION 10: Stability and reactivity
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 avoid
Keep 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

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.		

fire, see Section 5.

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Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECT	SECTION 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 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 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 Transport document description

: UN1325 Flammable solids, organic, n.o.s., 4.1, II

UN-No.(DOT) Proper Shipping Name (DOT) Transport hazard class(es) (DOT) Hazard labels (DOT)

Packing group (DOT) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Symbols

- : UN1325
- : Flammable solids, organic, n.o.s.
- : 4.1 Class 4.1 Flammable Solid 49 CFR 173.124
- : 4.1 Flammable solid



- : II Medium Danger
- : 212
- : 240
- : G Identifies PSN requiring a technical name

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DOT Special Provisions (49 CFR 172.102)		A1 - Single packaging are not permitted on passenger aircraft. IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP2 - When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle. IP4 - Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner. T3 - 2.65 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	:	151
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	15 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	50 kg
DOT Vessel Stowage Location		B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
Other information	:	No supplementary information available.
TDG		
No additional information available		
Transport by sea		
UN-No. (IMDG)	:	1325
Proper Shipping Name (IMDG)	:	FLAMMABLE SOLID, ORGANIC, N.O.S.
Class (IMDG)		4.1 - Flammable solids, self-reactive substance and solid desensitized explosives
Packing group (IMDG)	:	II - substances presenting medium danger
Air transport		
UN-No. (IATA)	:	1325
Proper Shipping Name (IATA)		Flammable solid, organic, n.o.s.
Class (IATA)		4.1 - Flammable solids
Packing group (IATA)	:	II - Medium Danger
SECTION 15: Regulatory information	า	

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:

 O-(Benzotriazol-1-yl)-N,N,N',N'-tetramethyluronium

 CAS No 125700-67-6

 100%

 tetrafluoroborate

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

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EU-Regulations

Listed on ELINCS (European List of Notified Chemical Substances)

National regulations

O-(Benzotriazol-1-yl)-N,N,N',N'-tetramethyluronium tetrafluoroborate (125700-67-6) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the TCSI (Taiwan Chemical Substance Inventory)

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:

100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials not series in the presence of a strong initiating source. Materials not series in the presence of a strong initiating source.	Full tex	t of H-phrases:	
Skin Irrit. 2 Skin corrosion/irritation Category 2 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H228 Flammable solid H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boling points above 100 F. as well as liquids with flash points between 73 F and boling points above 100 F. as well as liquids with flash points between 73 F and boling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials n polymerize, decompose, self-react, or undergo other chemical change at normal te			, , , , , , , , , , , , , , , , , , , ,
STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H228 Flammable solid H315 Causes skin irritation H319 Causes skin irritation H335 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable deton or explosive reaction in the presence of a strong initiating source. Materials nord lemperature form or molor or explosive reaction in the presence of a strong initiating source. Materials nord lemperate decompose, self-react, or undergo other chemical change at normal temperation or explosive reaction in the presence of a strong initiating source. Materials no polymerize, decompose, self-react, or undergo other chemical change at		Flam. Sol. 1	Flammable solids Category 1
H228 Flammable solid H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials that may form explosive other chemical change at normal temperation or polymerize, decompose, self-react, or undergo other chemical change at normal temperation or explosive reaction in the presence of a strong initiating source. Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials that may form explosive minitinating source. Materials the mperation or e		Skin Irrit. 2	Skin corrosion/irritation Category 2
H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points below 73 F an		STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H319 Causes serious eye irritation H35 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials no polymerize, decompose, self-react, or undergo other chemical change at normal temperature polymerize, decompose, self-react, or undergo other chemical change at normal temperature		H228	Flammable solid
H335 May cause respiratory irritation NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials that may form explosive detonation and temperature polymerize, decompose, self-react, or undergo other chemical change at normal temperature		H315	Causes skin irritation
NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity : 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials normal temperature detonation or explosive reaction in the presence of a strong initiating source. Materials no polymerize, decompose, self-react, or undergo other chemical change at normal temperature detonation or explosive mixeures		H319	Causes serious eye irritation
 NFPA fire hazard S - Liquids and solids that can be ignited under almost all ambient conditions. NFPA reactivity S - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water. HMIS III Rating Health Z Moderate Hazard - Temporary or minor injury may occur S Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical S Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials no polymerize, decompose, self-react, or undergo other chemical change at normal temperature 		H335	May cause respiratory irritation
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Health : 2 Moderate Hazard - Temporary or minor injury may occur Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials n polymerize, decompose, self-react, or undergo other chemical change at normal temperat	HMISI	II Rating	confinement before initiation, or reacts explosively with
Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials n polymerize, decompose, self-react, or undergo other chemical change at normal temperature		0	· 2 Mederete Hezerd Temperary or miner injury may easur
Conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC) Physical : 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable detonation or explosive reaction in the presence of a strong initiating source. Materials n polymerize, decompose, self-react, or undergo other chemical change at normal temperat			
detonation or explosive reaction in the presence of a strong initiating source. Materials n polymerize, decompose, self-react, or undergo other chemical change at normal temperat	Flamm	ability	conditions. Includes flammable liquids with flash points below 73 F and boiling points above
	Physic	al	: 3 Serious Hazard - Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating source. Materials may polymerize, decompose, self-react, or undergo other chemical change at normal temperature and pressure with moderate risk of explosion

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.