

Safety Data Sheet M0222X0 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 12/05/2019 Version: 1.0

SECTION 1: Identification		
1.1. Identification		
Product form	: Substance	
Substance name	: Hexafluorotitanic acid (60% aqueous solution)	
Product code	: M022-2-X0	
Other means of identification	: MFCD00049647	
1.2. Relevant identified us	es of the 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 data sheet	
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United State: T (386) 462-0788 - F (386) 462-70 info@synquestlabs.com - www.sy	097	
1.4. Emergency telephone	number	
Emergency number : (844) 523-4086 (3E Company - Account 10069)		
SECTION 2: Hazard(s) ide		
2.1. Classification of the s	ubstance or mixture	
Classification (GHS-US)		
Met. Corr. 1 Acute Tox. 1 (Oral) Acute Tox. 1 (Dermal) Acute Tox. 1 (Inhalation) Acute Tox. 3 (Inhalation:vapour) Skin Corr. 1A Eye Dam. 1 STOT SE 3	 H290 - May be corrosive to metals H300 - Fatal if swallowed H310 - Fatal in contact with skin H330 - Fatal if inhaled H331 - Toxic if inhaled H314 - Causes severe skin burns and eye damage H318 - Causes serious eye damage H335 - May cause respiratory irritation 	
Full text of H-phrases: see sectior	ו 16	
2.2. Label elements		
GHS-US labeling		
Hazard pictograms (GHS-US)		

	GHS05	GHS06	GHS07	
Signal word (GHS-US)	: Danger			
Hazard statements (GHS-US)	H300+H310+H33 H314 - Causes se H331 - Toxic if inh	 H290 - May be corrosive to metals H300+H310+H330 - Fatal if swallowed, in contact with skin or if inhaled H314 - Causes severe skin burns and eye damage H331 - Toxic if inhaled H335 - May cause respiratory irritation 		
Precautionary statements (GHS-US)	P262 - Do not get P264 - Wash skin P270 - Do not eat P271 - Use only o P280 - Wear prote P284 - In case of P301+P310 - If sv P301+P330+P33 P303+P361+P353 skin with water/sh	athe dust/fume, in eyes, on skii thoroughly afte, drink or smoke utdoors or in a ective gloves/pr inadequate ver vallowed: Imme 1 - If swallowed 3 - If on skin (or ower	/gas/mist/vapors/spray n, or on clothing	0
05/13/2020	EN (English US)		SDS ID: M0222X0	Page 1

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

		 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 - Immediately call a POISON CENTER or doctor/ physician P311 - Call a POISON CENTER or doctor/physician P320 - Specific treatment is urgent (see supplemental first aid instructions on this label) P321 - Specific treatment (see supplemental first aid instructions on this label) P330 - Rinse mouth P361 - Take off immediately all contaminated clothing P363 - Wash contaminated clothing before reuse P390 - Absorb spillage to prevent material damage P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P406 - Store in corrosive resistant container with a resistant inner liner P501 - Dispose of contents/container to an approved waste disposal plant
2.3.	Other hazards	

Other hazards not contributing to the

: Contact with acids liberates toxic gas. Absorbed very rapidly through the skin.

classification

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Name

: Hexafluorotitanic acid (60% aqueous solution)

Name	Product identifier	%	Classification (GHS-US)
Hexafluorotitanic acid	(CAS No) 17439-11-1	50 - 70	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331
Water	(CAS No) 7732-18-5	30 - 50	Not classified
Hydrogen fluoride, anhydrous	(CAS No) 7664-39-3	1 - 5	Simple Asphy, H380 Liquefied gas, H280 Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation:vapour), H330 Skin Corr. 1A, H314 Eye Dam. 1, H318 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	: 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	: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get immediate medical advice/attention.
First-aid measures after skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. In case of skin contact, wearing rubber gloves rub 2.5% calcium gluconate gel continuously into the affected area for 1.5 hours or until further medical care is available. Get immediate medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get immediate medical advice/attention.
4.2. Most important symptoms and effect	ts, both acute and delayed
Symptoms/injuries	: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
Symptoms/injuries after inhalation	: Material is destructive to tissue of the mucuous membranes and upper respiratory tract. Cough, shortness of breath, headache, nausea.
4.3 Indication of any immediate medical	attention and special treatment needed

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Absorption of excessive F- can result in acute systemic fluorosis with hypocalcemia, interference with various metabolic functions and organ damage (heart, liver, kidneys).

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire.
5.2. Special hazards arising from the sub-	stance or mixture
Fire hazard	: Thermal decomposition generates: Hydrogen fluoride. Titanium/titanium oxides.
Explosion hazard	: Risk of explosion if heated under confinement. Use water spray or fog for cooling exposed containers.
5.3. Advice for firefighters	
Firefighting instructions	: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection during firefighting	: Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection".
SECTION 6: Accidental release meas	ures
6.1. Personal precautions, protective equ	ipment 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	. Do not attempt to take action without avitable protective equipment. For further information
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.
6.2. Environmental precautions	
Avoid release to the environment. Notify authoritie	s if product enters sewers or public waters.
6.3. Methods and material for containment	it 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	
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.
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.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Storage area	: Store in dry, cool, well-ventilated area.
Special rules on packaging	: Do not store in glass.
SECTION 8: Exposure controls/perso	nal protection

8.1. **Control parameters**

Hydrogen fluoride, anhydrous (7664-39-3)		
ACGIH	ACGIH TWA (ppm)	0.50 ppm

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hydrogen fluoride, anhydrous (7664-39-3)		
ACGIH	ACGIH Ceiling (ppm)	2 ppm
ACGIH	Remark (ACGIH)	URT, LRT, skin, & eye irr
OSHA	OSHA PEL (TWA) (ppm)	3 ppm
OSHA	Remark (OSHA)	(2) See Table Z-2.

3.2. Exposure controls	
	Ensure good ventiletion of the work station. Emergency are weak fountains and affects showers
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.
land 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
0.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Color	: Mixture contains one or more component(s) which have the following colour(s): Colorless
Ddor	 There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): sharp
Ddor threshold	: No data available
Н	: No data available
Aelting 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
Dxidizing properties	: No data available
/apor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Aolecular mass	: 163.873 g/mol
Solubility	 Water: Solubility in water of component(s) of the mixture : Hydrogen fluoride, anhydrous: 719.8 g/l (at 20 °C)
log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
/iscosity	: No data available

9.2. **Other information**

No additional information available

SECTION 10: Stability and reactivity

Viscosity, kinematic

Viscosity, dynamic

: No data available

: No data available

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	itional information available
10.4.	Conditions to avoid
	way from heat, sparks and flame.
10.5.	Incompatible materials
Bases.	Cyanides. Glass. Metals.
10.6.	Hazardous decomposition products
Under n	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 information

11.1. Information on toxicological effects

Acute toxicity

: Oral: Fatal if swallowed. Dermal: Fatal in contact with skin. Inhalation: Fatal if inhaled. Inhalation:vapour: Toxic if inhaled.

Hexafluorotitanic acid (60% aqueous solution)		
ATE US (oral)	0.500 mg/kg body weight	
ATE US (dermal)	5.000 mg/kg body weight	
ATE US (gases)	10.000 ppmV/4h	
ATE US (vapors)	0.050 mg/l/4h	
ATE US (dust, mist)	0.005 mg/l/4h	
Hexafluorotitanic acid (17439-11-1)		
ATE US (oral)	100.000 mg/kg body weight	
ATE US (dermal)	300.000 mg/kg body weight	
ATE US (gases)	700.000 ppmV/4h	
ATE US (vapors)	3.000 mg/l/4h	
ATE US (dust, mist)	0.500 mg/l/4h	
Hydrogen fluoride, anhydrous (7664-39-3)		
LC50 inhalation rat (mg/l)	0.79 mg/l (Exposure time: 1 h)	
ATE US (oral)	5.000 mg/kg body weight	
ATE US (dermal)	5.000 mg/kg body weight	
ATE US (vapors)	0.790 mg/l/4h	
ATE US (dust, mist)	0.790 mg/l/4h	
Water (7732-18-5)		
LD50 oral rat	> 90 ml/kg	
Skin corrosion/irritation	: Causes severe skin burns and eye damage.	
Serious eye damage/irritation	: Causes serious eye damage.	
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	
Potential Adverse human health effects and symptoms Symptoms/injuries after inhalation	 Absorption of excessive F- can result in acute systemic fluorosis with hypocalcemia, interference with various metabolic functions and organ damage (heart, liver, kidneys). Material is destructive to tissue of the mucuous membranes and upper respiratory tract. Cough, absorbed on the second s	
	shortness of breath, headache, nausea.	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information		
12.1. Toxicity		
Hydrogen fluoride, anhydrous (7664-39-3)		
EC50 Daphnia 1 270 mg/l (Exposure time: 48 h - Species: Daphnia species)		

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Hydrogen fluoride, anhydrous (7664-39-3)				
	BCF fish 1			
	Log Pow			
_	Log Pow			

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming

: No known ecological damage caused by this product.

SECT	ION 13: Disposal considerations		
13.1.	Waste treatment methods		
No addi	litional information available		

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description

Proper Shipping Name (DOT)

Transport hazard class(es) (DOT)

UN-No.(DOT)

Hazard labels (DOT)

: UN3264 Corrosive liquid, acidic, inorganic, n.o.s., 8, II

: UN3264

: Corrosive liquid, acidic, inorganic, n.o.s.

- : 8 Class 8 Corrosive material 49 CFR 173.136
 - : 8 Corrosive



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

- : II Medium Danger
- : 202
- : 242
- : G Identifies PSN requiring a technical name

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT Special Provisions (49 CFR 172.102)	: B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.
	IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite
	(31HZ1). 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.
	T11 - 6 178.274(d)(2) Normal 178.275(d)(3)
	TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the
	temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of
	cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For
	liquids transported under ambient conditions may be calculated using the formula: (image)
	Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.
	TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used
	provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the
	MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 30 L
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.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters"
Other information	: No supplementary information available.
TDG	
No additional information available	
Transport by sea	
UN-No. (IMDG)	: 3264
Proper Shipping Name (IMDG)	: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Class (IMDG)	: 8 - Corrosive substances
Packing group (IMDG)	: II - substances presenting medium danger
Air transport	
UN-No. (IATA)	: 3264
Proper Shipping Name (IATA)	: Corrosive liquid, acidic, inorganic, n.o.s.
Class (IATA)	: 8 - Corrosives
Packing group (IATA)	: II - Medium Danger
SECTION 15: Regulatory information	
15.1. US Federal regulations	
Hexafluorotitanic acid (17439-11-1)	
Listed on the United States TSCA (Toxic Subst	
Hydrogen fluoride, anhydrous (7664-39-3)	

Hydrogen fluoride, anhydrous (7664-39-3)				
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on the United States SARA Section 302 Subject to reporting requirements of United States SARA Section 313				
SARA Section 302 Threshold Planning Quantity (TPQ)	100 lb			
SARA Section 313 - Emission Reporting	1.0 %			
Water (7732-18-5)				
Listed on the United States TSCA (Toxic Substances Control Act) inventory				

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

cording to Federal Register / Vol. 77, No. 58	Monday, March 20, 2012 / Rules and Regulations
5.2. International regulations	
CANADA	
Hexafluorotitanic acid (17439-11-1)	
Listed on the Canadian DSL (Domestic	Sustances List)
Hydrogen fluoride, anhydrous (7664	39-3)
Listed on the Canadian DSL (Domestic	Sustances List)
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class E - Corrosive Material
Water (7732-18-5)	
Listed on the Canadian DSL (Domestic	Sustances List)
lo additional information available	Uncontrolled product according to WHMIS classification criteria
U-Regulations lo additional information available	
EU-Regulations No additional information available National regulations Hexafluorotitanic acid (17439-11-1) Listed on the AICS (Australian Invento	y of Chemical Substances) J & New Chemical Substances) inventory I Safety and Health Law) emicals List) ry of Chemicals)
EU-Regulations No additional information available National regulations Hexafluorotitanic acid (17439-11-1) Listed on the AICS (Australian Invento Listed on the Japanese ENCS (Existin Listed on the Japanese ISHL (Industria Listed on the Korean ECL (Existing Ch Listed on NZIoC (New Zealand Invento	y of Chemical Substances) g & New Chemical Substances) inventory I Safety and Health Law) emicals List) ry of Chemicals) Substance Inventory)

Japanese Pollutant Release and Transfer Register Law (F 'RTR Law)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on Turkish inventory of chemical

Water (7732-18-5)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican national Inventory of Chemical Substances)

15.3. US State regulations

Hydrogen fluoride, anhydrous (7664-39-3)

U.S. - Massachusetts - Right To Know List

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

SECTION 16: Other information

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases:	
Acute Tox. 1 (Dermal)	Acute toxicity (dermal) Category 1
Acute Tox. 1 (Inhalation)	Acute toxicity (inhalation) Category 1
Acute Tox. 1 (Oral)	Acute toxicity (oral) Category 1
Acute Tox. 2 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Liquefied gas	Gases under pressure Liquefied gas
Met. Corr. 1	Corrosive to metals Category 1
Simple Asphy	Simple Asphyxiant
Skin Corr. 1A	Skin corrosion/irritation Category 1A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H280	Contains gas under pressure; may explode if heated
H290	May be corrosive to metals
H300	Fatal if swallowed
H301	Toxic if swallowed
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H380	May displace oxygen and cause rapid suffocation

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. 2 NFPA reactivity : 2 - Normally unstable and readily undergo violent decomposition but do not detonate. Also: may react violently with water or may form potentially explosive mixtures with water. HMIS III Rating Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given Flammability : 0 Minimal Hazard - Materials that will not burn : 2 Moderate Hazard - Materials that are unstable and may undergo violent chemical changes at Physical normal temperature and pressure with low risk for explosion. Materials may react violently with water or form peroxides upon exposure to air.

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.