

Safety Data Sheet 5571302

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 01/29/2016 Version: 1.0

SECTION 1: Identification			
1.1. Identification			
Product form	: Substance		
Substance name	: [(Triisopropylsilyl)acetylen]sulfur pentafluoride	
CAS No	: 474668-34-3		
Product code	: 5571-3-02		
Formula	: C11H21F5SSi		
Synonyms	: [2-(Pentafluorosulfanyl)eth	ynyl]tris(propan-2-yl)silane	
Other means of identification	: MFCD11045451		
1.2. Relevant identified uses of the	substance or mixture and uses a	lvised against	
Use of the substance/mixture	: Laboratory chemicals Manufacture of substance: Scientific research and der	3	
1.3. Details of the supplier of the sa	afety data sheet		
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of Amer T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlab			
1.4. Emergency telephone number			
Emergency number	: (844) 523-4086 (3E Comp	any - Account 10069)	
Eye Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirato Full text of H-phrases: see section 16			
2.2. Label elements			
GHS-US labeling			
Hazard pictograms (GHS-US)	GHS07		
Signal word (GHS-US)	: Warning		
Hazard statements (GHS-US)	: H227 - Combustible liquid H315 - Causes skin irritatio H319 - Causes serious eyo H335 - May cause respirat	e irritation	
Precautionary statements (GHS-US)	P261 - Avoid breathing fur P264 - Wash skin thoroug P271 - Use only outdoors P280 - Wear protective glo P302+P352 - If on skin: W P304+P340 - If inhaled: Re P305+P351+P338 - If in eig lenses, if present and easy P312 - Call a POISON CE P321 - Specific treatment P332+P313 - If skin irritatio P337+P313 - If eye irritatio	nly after handling or in a well-ventilated area ves/protective clothing/eye protection/face protectio ash with plenty of soap and water emove person to fresh air and keep comfortable for ves: Rinse cautiously with water for several minutes	r breathing s. Remove contac
12/08/2016	EN (English US)	SDS ID: 5571302	Page 1
		JUL JJI JUZ	Faye I

Safety Data Sheet

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

	P370+P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish P403+P233 - Store in a well-ventilated place. Keep container tightly closed P403+P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant				
2.3. Other hazards					
No additional information available					
2.4. Unknown acute toxicity (GHS US	5)				
Not applicable					
SECTION 3: Composition/informa	tion on in	gredients			
3.1. Substance					
Substance type	: Mono	o-constituent			
		Dreduct identifier	0/	Clossification (CHS US)	
Name [(Triisopropylsilyl)acetylene]sulfur pentafluoride		Product identifier	% <= 100	Classification (GHS-US)	
((Thisopropyshy)acetylenejsultur pentaliuonde (Main constituent)		(CAS No) 474668-34-3	<= 100	Flam. Liq. 4, H227 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					
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Get medical advice/attention.				
First-aid measures after skin contact	: Wash with plenty of soap and water. Get 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 medical advice/attention.				
First-aid measures after ingestion		OT induce vomiting. Never give a h out with water. Get medical adv		an unconscious person. Rinse	
4.2. Most important symptoms and e	ffects, both	acute and delayed			
Symptoms/injuries		nost important known symptoms and/or in section 11.	and effects are descr	ibed in the labelling (see section	
4.3. Indication of any immediate med	lical attentio	n and special treatment needed	ł		
Treat symptomatically.					
SECTION 5: Firefighting measure	•				
	3				
5.1. Extinguishing media	. Alaak	al register the are Carlson disside	Dr. nouder Meter		
Suitable extinguishing media		ol resistant foam. Carbon dioxide opriate for surrounding fire.	. Dry powder. vvater	spray. Use extinguishing media	
5.2. Special hazards arising from the					
Fire hazard	oxide				
Explosion hazard		: Risk of explosion if heated under confinement. Use water spray or fog for cooling exposed containers. May form flammable/explosive vapor-air mixture.			
5.3. Advice for firefighters					
Firefighting instructions Protection during firefighting	: Wear	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. 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 m	easures		·		
6.1. Personal precautions, protective	equipment	and emergency procedures			

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

intergency procedures Conty qualified personnel equipped with suitable protective equipment may intervene. I.1. 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". Intervence and the nair. May accommutate in confinding spaces, particularly at or below ground ignition. I.2. Environmental precautions Wold release to the environment. Notify authorities if product enters severs or public waters. I.3. Methods and material for containment and cleaning up for containment Stop leak if set to do so. Dike for recovery or absorb with appropriate material. Aethods for cleaning up To containment Stop leak if set to do so. Dike for recovery or absorb with appropriate material. Aethods for cleaning up To containment Stop leak if set to do so. Dike for recovery or absorb with appropriate material. Aethods for cleaning up To disposal do solid materials or residues refer to section 13: "Disposal considerations". Aethods in material appropriate containment for disposal. Ventilate area. Der on thandle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breake thread understood. Ensure good ventilation of the work station. Do not breake thread understood. Ensure good ventilation of the work station. Do not breake thread understood. Ensure good ventilation of the work station. Do not breake thread understood. Ensure good ventilation of the work station. Do not breake thread understood. Ensure good ventilations for safe bandling Wigene measures Conditions for safe storage, including any incompatibilities Forticulary static discharges). Proper grounding procedures to avay form ignition sources (nocluding static discharges). Proper grounding procedures to avay form ignition sources (nocluding static discharges). Proper grounding procedures to avay form ignition sources (nocluding static discharges). Proper		
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*. Gasvapor heavier than air, May accumulate in confinde spaces, particularly at or below ground level. Consider than its of potentially explosive atmospheres. Eliminate every possible source of lignition. Environmental precautions Wethods and material for containment and cleaning up or containment Take up large spille with pump or vacuum and finish with dry chemical absorbent. Use every possible source of spinon. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. Other information I Take up large spille with pump or vacuum and finish with dry chemical absorbent. Use every spills into appropriate container for disposal. Ventilate area. Other information is or safe handling Control terms for safe handling Decortions for safe handling Proceautions for safe handling On ont handle until al safety precautions have been ead and understood. Ensure good ventilation of the work station. Do not breather turnes, mist, spray, vapos. Wear personal protective equipment. Take up large calles dry up on spray form ignition sources (including static discharges). Proper grounding procedures. Do not ead: with sin and eyes. Keep away from ignition sources (including static discharges). Proper grounding procedures. Not as destrop to non-sparking for cols. Yeautions for safe handling Comply with applicable regulations. Comply with applicable regulations. Comply with ap	6.1.1. For non-emergency personnel	
Protective equipment :: Or not attempt to take action without suitable protective equipment. For further information refer to section 8: "Expanse controllogeneous protection". imergency procedures :: Cask-paper heavier than air. May accumulate in confined spaces, Eliminate every possible source of ignition. imergency procedures :: Cask-paper heavier than air. May accumulate in confined spaces, Eliminate every possible source of ignition. imergency procedures :: Cask-paper heavier than air. May accumulate in confined spaces, Eliminate every possible source of ignition. imergency procedures :: Cask-paper heavier than air. May accumulate in confined spaces, Paper Heavier than air. imergency procedures :: Stop leak if sale to do so. Dike for recovery or absorb with appropriate material. indehods for cleaning up :: Take up parse pails with ory chemical absorbent. Use explosion-proof equipment. Take up anal splits with ary chemical absorbent. Sweep or shorel as application available SECTION 7: Handling and storage :: Handle empty containes with care because residuel vapors are flammable. Variational information available :: Do not handle until al saley precedures have hean inde and understood Ensure good protective equipment. Avoid contains than shore and care with sale and express. Keep away from ignition sources (including static discharges). Proper grounding procedures. Do not east, drink or site adsoutconthonone participation have bean inde and unders	Emergency procedures :	Only qualified personnel equipped with suitable protective equipment may intervene.
https://table.org/initialization Do not stempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Gasvapor 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 level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of level. Consider the risk of sole to describe attendes of level. Consider the risk of potential source of level. Considerations. Methods for cleaning up For disposal of solid materials or residues refer to section 13 : 'Disposal considerations'. Reference to other sectors Reference to sole handling Oo not handle until all safety procedures to avoid static electricity should be followed. Use only non-spatify group. Proceutions for safe handling Oo not handle until all safety procedures to avoid static electricity should be followed. Use only non-spatify group. Prodective equipment. Avoid contract with skin and eyes. Keep avoid for atter electricity should	6.1.2. For emergency responders	
level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of ginition. i.2. Environmental precautions ivoid release to the environment. Notify authorities if product enters sewers or public waters. i.3. Methods and material for containment and cleaning up or containment or containment Stop leak if safe to do so. Dike for recovery or absorb with appropriate material. Alethods for cleaning up Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-profor equipment. Take up small spills with dry chemical absorbent. Use explosion-profor equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. Wher information : For disposal of solid materials or residues refer to section 13 : "Disposal considerations". V.4. Reference to other sections : For disposal of solid materials or residues residual vapors are flammable. VECTION 7: Handling and storage : Handle empty containers with care because residual vapors are flammable. Verecautions for safe handling : Do not handle until al afaty proteations have been read and understood. Ensure good wentilation of the work station. Do not branet were, mist, graps, vapors. Weap parsonal protective equipment. Avoid contain were, mist, graps, vapors. Weap parsonal protective equipment. Avoid contain ergs. Keep pawy from ignition sources (including and yn one-parkfing tools. // Conditions for safe storage, including and ynocoparkfibilidide. // So	U y 1	
void release to the environment. Notity authorities if product enters sewers or public waters. 3.3. Methods and material for containment and cleaning up for containment : Stop leak if safe to do so. Dike for recovery or absorb with appropriate material. lethods for cleaning up :: Take up large splils with apyr chemical absorbent. Use explosion-proof equipment. Take up small splils with any chemical absorbent. Use oxplosino-proof equipment. Take up small splits with any chemical absorbent. Use oxplosino-proof equipment. Take up small splits with any chemical absorbent. Use oxplosino-proof equipment. Take up small splits with any chemical absorbent. Use oxplosino-proof equipment. Take up small splits with any chemical absorbent. Use oxplosino-proof equipment. You chemical absorbent. Several applicable regulations for safe handling the chemical absorbent. Several applicable explosino-proof equipment. You chemical absorbent eq	Emergency procedures :	level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of
3.1 Methods and material for containment and cleaning up or containment : Stop leak if safe to do so. Dike for recovery or absorb with appropriate material. Definition : Take up large spills with dury chemical absorbent. Use explosion-proof equipment. Take up small spills with dury chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. Deter information : For disposal of sold materials or residues refer to section 13 : "Disposal considerations". 14.1 Reference to other sections Sections So additional information available Sections Sections Sections for safe handling : 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 breather furnes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Nee away from spray should be followed. Use only non-sparking tools. Explore measures : Comply with applicable regulations. Store in dry, ccol, well-ventilations : Refer to Section 10 on Incompatible Materials. Store area : Store in dry, ccol, well-ventilated area. Store area : Store in dry, ccol, well-ventilated area.	6.2. Environmental precautions	
For containment : Stop leak if safe to do so. Dike for recovery or absorb with appropriate material. Aethods for cleaning up : Take up large spills with jump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up smills gpills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. Ventionation : For disposal of solid materials or residues refer to section 13 : "Disposal considerations". 44. Reference to other sections : Ventionation available : SECTION 7: Handling and storage : 41. Procentions for safe handling : Ventions for safe storage, including any incompatibilities vention : Vergene measures : : : : Conditions for safe storage, including any incompatibilities : Conditions for safe storage, including any incompatibilities : Contr	Avoid release to the environment. Notify authorities	s if product enters sewers or public waters.
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. there information	6.3. Methods and material for containment	and cleaning up
explosion-proof equipment. Take up small spills with dy chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. Ather information available SECTION 7: Handling and storage (4.1) Precautions for safe handling SECTION 7: Handling and storage (4.1) Precautions for safe handling Sections for safe handling (4.1) Precautions for safe handling (5) Do not handle until all safety precautions have been read and understood. Ensure good ventilation. Do not breathef futures, Dist, Say, 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. (and the 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. (and understood). Section 10 on Incompatible Materials. (brage area (conditions for safe storage, including any incompatibilities (conductions (conductions) (conductions (conductions) (conductions (conductions) (conductions (conductions) (For containment :	Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.
4.4. Reference to other sections No additional information available SECTION 7: Handling and storage 4.1. Precautions for safe handling viditional 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 breath ethres, 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. ethrical 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. (2. Conditions for safe storage, including any incompatibilities : Comply with applicable regulations. echnical measures : Comply with applicable regulations. storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. accompatible materials : Refer to Section 10 on Incompatible Materials. storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls : Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be availiable in the immediate vicinity of any potentila expo	Methods for cleaning up :	explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel
Ab additional information available SECTION 7: Handling and storage 1.1 Precautions for safe handling viditional 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 breather 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. tygiene 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. t2. Conditions for safe storage, including any incompatibilities echnical measures : Comply with applicable regulations. storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. echnical materials : Refer to Section 10 on Incompatible Materials. storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection : t4. Control parameters va doditional information available : Ensure good ventilation of the work station. Emergency eye wash fountains and	Other information :	For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
Section 7: Handling and storage 1.1 Precautions for safe handling viditional hazards when processed : Handle empty containers with care because residual vapors are flammable. vecautions 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. 4/ygiene 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. 4/2 Conditions for safe storage, including any incompatibilities *echnical measures : Comply with applicable regulations. * Keep container closed when using this product. Always wash hands after handling the product. *altorage conditions : Refer to Section 10 on Incompatible Materials. *atorage area : Store in dry, cool, well-ventilated area. *ECTION 8: Exposure controls/personal protection *4.1 Control parameters *4.2 Exposure 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.	6.4. Reference to other sections	
1. Precautions for safe handling : 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. 4.y giene 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. 4.2. Conditions for safe storage, including any incompatibilities : Comply with applicable regulations. 6: comply with applicable regulations. : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. 1. Control parameters : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection : 4.1. Control parameters : 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. 4.2. Exposure 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. 4.d and protection : Protective gloves. 29 CFR 1910.138: Hand Protection.	No additional information available	
1.1 Precautions for safe handling Handle empty containers with care because residual vapors are flammable. 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. tygiene 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. tygiene measures : Comply with applicable regulations. terchnical measures : Comply with applicable regulations. terchnical measures : Refer to Section 10 on Incompatible Materials. storage area : Store in dry, cool, well-ventilated area. Storage area : Store in dry, cool, well-ventilated area. Storage area : 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. tud : Comply with applicable regulations. tercetorion : 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.	SECTION 7: Handling and storage	
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 sourcess (including static discharges). Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools. Avgeine 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. *2. Conditions for safe storage, including any incompatibilities "erchnical measures : Comply with applicable regulations. storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. neompatible materials : Refer to Section 10 on Incompatible Materials. storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection k1. Control parameters wo 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. k2. Exposure 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. kan drotectc		
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. '2. Conditions for safe storage, including any incompatibilities : Comply with applicable regulations. 'echnical measures : Comply with applicable regulations. 'storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under iner dgas. ncompatible materials : Refer to Section 10 on Incompatible Materials. storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection K1. Control parameters wo 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. kin and protection : Protective gloves. 29 CFR 1910.138: Hand Protection. styperprinate 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. <t< td=""><td>Additional hazards when processed :</td><td>Handle empty containers with care because residual vapors are flammable.</td></t<>	Additional hazards when processed :	Handle empty containers with care because residual vapors are flammable.
*.2. Conditions for safe storage, including any incompatibilities *echnical measures : Comply with applicable regulations. *iter conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. *nocompatible materials : Refer to Section 10 on Incompatible Materials. *storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection *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. *2. Exposure controls * Protection : Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection. *2. Exportection ************************************	Precautions for safe handling :	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
Fechnical measures : Comply with applicable regulations. Storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. necompatible materials : Refer to Section 10 on Incompatible Materials. Storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection 1.1. Control parameters No additional information available 4.2. Exposure controls 4.2. Exposure controls 4.3. : 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. 4 and protection : Protective gloves. 29 CFR 1910.138: Hand Protection. Eve protection : Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection. Skin and body protection : In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection. Skin and body protection : In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection. Scher information : Safety shoes. 29 CFR 1910.136: Foot Protection.	Hygiene measures :	
Storage conditions : Keep container closed when not in use. Keep away from ignition sources. Keep contents under inert gas. neompatible materials : Refer to Section 10 on Incompatible Materials. Storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection : K1. Control parameters No additional information available : K2. Exposure controls K2. Exposure controls K2. Exposure controls K4. Control parameters No additional information available : K2. Exposure controls K2. Exposure controls K2. Exposure controls K2. Exposure controls K3. : K4. 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 : In case of inadequate ventilation wear respiratory protection.	7.2. Conditions for safe storage, including	any incompatibilities
inert gas. inert gas. Refer to Section 10 on Incompatible Materials. Storage area Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection t.1. Control parameters No additional information available t.2. Exposure controls Protections Appropriate engineering controls Protective gloves. 29 CFR 1910.138: Hand Protection. Ever protection Skin and body protection		
Storage area : Store in dry, cool, well-ventilated area. SECTION 8: Exposure controls/personal protection A. Control parameters No additional information available A.2. Exposure controls R.2. Exposure controls A.2. Exposure controls A.3. Protection A additional information available A.2. Exposure controls A.2. Exposure controls A.3. Exposure controls A.4. Exposure controls A.5. Exposure controls A.6. Exposure controls A.6. Exposure controls A.6. Exposure controls A.6. Exposure controls A.7. Exposure controls A.8. Exposure controls A.8. Exposure controls A.8. Exposure controls A.9. Exposure controls A.8. Exposure controls A.8. Exposure controls A.9. Exposure controls	Storage conditions :	
SECTION 8: Exposure controls/personal protection St. Control parameters No additional information available A.2. Exposure controls Suppropriate 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. Skin and body 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.	Incompatible materials :	Refer to Section 10 on Incompatible Materials.
A.1. Control parameters No additional information available S.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.	Storage area :	Store in dry, cool, well-ventilated area.
A.1. Control parameters No additional information available S.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 8: Exposure controls/porsor	nal protoction
No additional information available 3.2. 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.		
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.Other information: Safety shoes. 29 CFR 1910.136: Foot Protection.	No additional information available	
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.Other information: Safety shoes. 29 CFR 1910.136: Foot Protection.	8.2. Exposure controls	
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.	Appropriate engineering controls :	
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.	Hand protection :	Protective gloves. 29 CFR 1910.138: Hand Protection.
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.	Eye protection :	
Protection. Other information : Safety shoes. 29 CFR 1910.136: Foot Protection.	Skin and body protection :	
······································	Respiratory protection :	
SECTION 9: Physical and chemical properties	Other information :	Safety shoes. 29 CFR 1910.136: Foot Protection.
	SECTION 9: Physical and chemical pro	operties

9.1.	Information on basic physical and cl	nemical properties
Physical	state	: Liquid
Color		: No data available
Odor		: No data available
Odor thr	reshold	: No data available

Safety Data Sheet

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

	-
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 35 °C (@ 0.6 mm Hg)
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
Specific gravity / density	: 1.076 g/ml (@ 25 °C)
Molecular mass	: 308.43 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	

9.2. Other information

No additional information available

SECT	SECTION 10: Stability and reactivity				
10.1.	Reactivity				
No addi	itional information available				
10.2.	Chemical stability				
The pro	duct 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 acids. Strong bases. Strong oxidizing agents.					
40.0					

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 information					
11.1. Information on toxicological effects					
: Not classified					
: Causes skin irritation.					
: Causes serious eye irritation.					
: Not classified					

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

Safety Data Sheet

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

Specific target organ toxicity (repeated	: Not classified
exposure)	

Aspiration hazard : Not classified

0505				
SECT	ION 12: Ecological information			
12.1.	Toxicity			
No addi	tional information available			
12.2.	Persistence and degradability			
No addi	tional information available			
12.3.	Bioaccumulative potential			
No addi	tional information available			
12.4.	Mobility in soil			
No additional information available				
12.5.	Other adverse effects			
No oddi	tional information available			

No additional information available

SECTION 13: Disposal consider	ations		
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 informa	, ,		
SECTION 14: Transport informa			

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 infor	mation		
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:

[(Triisopropylsilyl)acetylene]sulfur pentafluoride CAS No 474668-34-3 100%

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

Safety Data Sheet

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

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
IFPA reactivity	 O - Normally stable, even under fire exposure conditions, and are not reactive with water.
IMIS III Rating	
IMIS III Rating lealth	: 2 Moderate Hazard - Temporary or minor injury may occur
0	 2 Moderate Hazard - Temporary or minor injury may occur 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)

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.