

Safety Data Sheet 1300B22 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 03/22/2017 Version: 1.0

Product form : Substance Substance name : (2)-1-Bromo-2-fluoroethylene AGN No : 2366-31-6 Product code : 1300-B-22 Formula : (22H2BrF Synonyms : cis-1-Bromo-2-fluoroethylene Other means of identification : MFCD20543004 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory chemicals Scientific research and development 1.3. Details of the supplier of the safety data sheet SynOuest Laboratories, Inc. P.O. Box 300 Alachua, FL 32615 - United States of America T (38) 462-0788 - F (386) 462-0797 Inf0/8 synouestlabs.com 1.4. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 22 Hazard(s) identification STOT S5 J H335 - May cause respiratory initiation Fyr S13 H315 - Causes skin initiation SFOT S5 J H335 - May cause respiratory initiation SFOT S5 J H335 - May cause respiratory initiation Fyr S14 Label elements GHS-US) Signal word (GHS-US) : Warning Hazard pictograms (GHS-US) : Warning Hazard pictograms (GHS-US) : Warning Hazard statements (GHS-US) : H315 - Causes skin iritation Fyr S2 H335 - May cause respiratory initiation Fyr S4 H355 - Causes skin initiation Fyr S4	fication Substance (2)-18 romo-2-flucroethylene (2)-286-31-6 (2) 2366-31-6 (2) 2366-31-6 (2) 200-8-22 (2) C2H28-F		
Product form : Substance Substance name : (2)-1-Bromo-2-fluoroethylene CAS No : 2366-31-6 Product code : 1300-B-22 Formula : C2H2B+F Synonyms : cist-1-Bromo-2-fluoroethylene Other means of identification : MFCD20543004 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory ofhemicals Manufacture of substances Scientific research and development 1.3. Details of the supplier of the safety data sheet SynOugest Laboratories, Inc. PO. Dax 309 Alachua, FL 32615 - United States of America 1.4. Emergency tolephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 22 Hazard(s) identification 2.1. Classification of the substance or mixture Classification of the substance or mi	 Substance Substance (2)-1-Bromo-2-fluoroethylene (2)-286-31-6 (2)-1-Bromo-2-fluoroethylene (2)-1287 (3)-1287 (4)-1287 (4)-1287 (4)-1287 (4)-1287 (4)-128	SECTION 1: Identification	
Substance name : (Z)-1-Bromo-2-fluoroethylene CAS No : 2366-31-6 Product code : 1300-B-22 Formula : C2H2BrF Synoryms : cis1-Bromo-2-fluoroethylene Other means of identification : MFCD20543004 12. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development 13. Details of the supplier of the safety data sheet SynOuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32815 - United States of America T (386) 462-0788 - F (386) 462-0788 - F (386) 462-0797 T (386) 462-0788 - F (386) 462-0797 : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : 2.1. Classification of the substance or mixture Classification of GHS-US) : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : Sin Inti. 2. H315 - Causes serious eye irritation Systory : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification : Systory : (844) 523-4086 (3E Company - Account 10069) <th>e : (2)-1-Bromo-2-fluoroethylene : 2366-31-6 : 2366-31-6 : 1300-B-22 : C2H2BrF : c3t-12Bromo-2-fluoroethylene : dentification : MFCD2OS43004 ant identified uses of the substance or mixture and uses advised against ance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development atories, Inc. s of the supplier of the safety data sheet atories, Inc. 15 - United States of America a + 7 (386) 462-7087 bes.com - www.synquestlabs.com gency telephone number the substance or mixture CHS-US) 15 - Causes skin initiation 135 - Causes serious ever prioratory initiation 135 - Causes serious ever prioratory initiation 135 - May cause respiratory initiation 136 - Causes serious ever initiation 137 - Causes serious ever initiation 138 - Causes serious ever initiation 139 - Causes initiation 139 - Causes initiation 139 - Causes initiation 139 - Pale - Vale initiation 139 - Pale - Vale initiation 139 - Pale - Vale initiation 230 - May cause respiratory initiation 230 - May cause respiratory initiation 230 - May cause respiratory initiation 230 - Pale - Vale initiation 230 - May cause respiratory initiation 230 - Pale - Vale initiation 230 - Pale - Vale initiation 230 - Pale - Vale initiation (Developmental initiation are even initiation 230 - Pale - Vale initiation (Developmental initiation are even initiation 230 - Pale - Vale initiation (Developmente) 231 - Cale - Policion Cale Cale -</th> <th>1.1. Identification</th> <th></th>	e : (2)-1-Bromo-2-fluoroethylene : 2366-31-6 : 2366-31-6 : 1300-B-22 : C2H2BrF : c3t-12Bromo-2-fluoroethylene : dentification : MFCD2OS43004 ant identified uses of the substance or mixture and uses advised against ance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development atories, Inc. s of the supplier of the safety data sheet atories, Inc. 15 - United States of America a + 7 (386) 462-7087 bes.com - www.synquestlabs.com gency telephone number the substance or mixture CHS-US) 15 - Causes skin initiation 135 - Causes serious ever prioratory initiation 135 - Causes serious ever prioratory initiation 135 - May cause respiratory initiation 136 - Causes serious ever initiation 137 - Causes serious ever initiation 138 - Causes serious ever initiation 139 - Causes initiation 139 - Causes initiation 139 - Causes initiation 139 - Pale - Vale initiation 139 - Pale - Vale initiation 139 - Pale - Vale initiation 230 - May cause respiratory initiation 230 - May cause respiratory initiation 230 - May cause respiratory initiation 230 - Pale - Vale initiation 230 - May cause respiratory initiation 230 - Pale - Vale initiation 230 - Pale - Vale initiation 230 - Pale - Vale initiation (Developmental initiation are even initiation 230 - Pale - Vale initiation (Developmental initiation are even initiation 230 - Pale - Vale initiation (Developmente) 231 - Cale - Policion Cale Cale -	1.1. Identification	
CAS No : 2366-31-6 Product code : 1000-B-22 Formula : C2H2BrF Synoryms : cis-1-Bromo-2-fluoroethylene Other means of identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development 1.2. Relevant identified uses of the substance or 1.3. Details of the supplier of the safety data sheet SynCluest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (366) 462-7087 Info@Synuestlabs.com : www.synuestlabs.com 1.4. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification of the substance or mixture Classification of HS-US) Skin Intit 2, H315 - Causes serious eye irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Signal word (GHS-US) Precautionary statements	: 2869-31-6 : 1300-B-22 : 22H2BF : cist-1-Bromo-2-fluoroethylene : cist-1-Bromo-2-fluoroethylen	Product form	: Substance
Product code : 1300-B-22 Formula : C2H2BrF Synonyms : cis-1-Bromc-2-fluoroethylene Other means of identification : MFCD20543004 1.2. Relevant identified uses 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 SynOuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097 info@ SynOuestLabs.com - www.synQuestLabs.com 1.4. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) Identification 2.1. Classification of the substance or mixture Classification (GH5-US) Skin Intri. 2 H315 - Causes skin initiation SynOT SE 3 H335 - May cause respiratory initiation STOT SE 3 H336 - May cause respiratory initiation STOT SE 3 H336 - May cause respiratory initiation STOT SE 3 H336 - May cause respiratory initiation Stor SE 1 A336 - May cause respiratory initiation Stor SE 1 A336 - May cause respiratory initiation Stor SE 3 H336 - May cause respiratory initiation Stor SE 3 H336 - May cause respiratory initiation Stor SE 3 H336 - May cause respiratory initiation Full text of H-phrases: see section 16 2.2. Label elements GH5-US) Signal word (GHS-US) : Warning Hazard pictograms (GHS-US) : Warning Hazard statements (GHS-US) : H337 - May cause respiratory initiation Precautionary statements (GHS-US) : P261 - Avoid breathing dus/fume/gas/mist/vapors/spray P271 - Low oid breathing dus/fume/gas/mist/vapors/spray P284 - Wash skin thoroughy after handling P280 - Was protective gloves/protective coldming/spe protection/face protection P3054-P330 - II in habled: Remove parson to fresh air and keep comfortable for P3054-P334 - P334 - II in habled: Remove parson to fresh air and keep comfortable for P3044-P340 - II inhabled: Remove parson to fresh air and keep comfortable for P3044-P340 - II inhabled: Re	 i 1300-B-22 i C2H2BFF i C2H2BFF i C3H-Borno-2-fluoroethylene i cis-H-Borno-2-fluoroethylene i MFCD20543004 ant identified uses of the substance or mixture and uses advised against ancedmixture i Laboratory ohemicals Manufacture of substances Scientific research and development s of the supplier of the safety data sheet atories of America F (368) 462-7037 taboratory of 492-7047 taboratory of 492-7048 taboratory of 492-7047 taboratory of 492-7048 taboratory of 492-	Substance name	: (Z)-1-Bromo-2-fluoroethylene
Formula : C2H2BrF Synonyms : cisi-1-Bromo-2-fluoroethylene Other means of identification : MFCD20543004 1.2. Relevant identified uses 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 SynOuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7087 info@synquestlabs.com - www.synquestlabs.com 1.4. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Int 2 H315 - Causes skin initiation Eye Int 2A H319 - Causes serious eye irritation STOT SE 3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US Labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Fignal word (Fignal Fignal F	i: C2H2BrF i: dei-1-Bromo-2-luoroethylene identification is MFC2D2643004 ant identified uses of the substance or mixture and uses advised against ance/mixture i: Laboratory chemicals Manufacture of substances Scientific research and development atories, Inc. atories, Inc. is of the supplier of the safety data sheet atories, Inc. is of the supplier of the safety data sheet atories, Inc. is 69, 462-7097 is 609, 462-7097 is 604, 462, 462, 462, 462, 462, 462, 462, 46	CAS No	: 2366-31-6
Synonyms :: cis-1-Bromo-2-fluoroethylene Other means of identification :: MFCD20543004 1.2. Relevant identification :: Laboratory chemicals Manufacture of substances Scientific research and development 1.3. Details of the supplier of the safety data sheet SynOuest Laboratories, Inc. P.O. Box 309 Valuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (369) 462-0768 - F (368) 462-7067 T 1.4. Emergency telephone number Emergency telephone number Emergency telephone number Emergency pumber : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(S) identification Classification (GHS-US) Skin Irit 2: H319 - Causes serious eye iritation STOT SE 3 H335 - May cause respiratory irritation Full ext of H-phrases: see section 16 Sector State of Causes skin irritation State of Causes skin irritation H319 - Causes skin irritation Hazard pictograms (GHS-US) : : Warning Hazard pictograms (GHS-US) : State of Causes skin irritation Hazard pictograms (GHS-US) : : H319 - Causes skin irritation H335 - May cause respiratory irritation Hazard statements	identification i information i	Product code	: 1300-B-22
Other means of identification : MFCD20543004 1.2. Relevant identified uses 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 SynOuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097 info@synguestlabs.com T 1.4. Emergency telephone number Emergency telephone number Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) Identification 2.1. Classification of the substance or mixture Classification (CHS-US) Stin Intit 2 H315 - Causes serious eye irritation Stin Intit 2 H315 - Causes serious eye irritation Stin Intit 2 H316 - Causes serious eye irritation Eye Intit 2A H315 - Causes section 16 Stin Intit 2 Labol elements CHS-US labeling	identification : MFCD20543004 ant identified uses of the substance or mixture and uses advised against ance/mixture : Laboratory chemicals Scientific research and development s of the supplier of the safety data sheet atories, Inc. 15 - United States of America 8 - F (389) 462-7097 abs.com - www.synquesilabs.com gency tideptoine number tider : (844) 523-4086 (3E Company - Account 10069) Hzzard(s) identification Iffaction of the substance or mixture GHS-US) 1816 - Gauses skin initiation 1837 - Gauses skin initiation 1838 - May cause respiratory initiation 1839 - Gauses serious eye initiation 1836 - May cause respiratory initiation 1836 - May cause respiratory initiation 1837 - Gauses serious eye initiation 1836 - May cause respiratory initiation 1836 - May cause respiratory initiation 1836 - May cause respiratory initiation 1837 - Gauses serious eye initiation 1836 - May cause respiratory initiation 1837 - Gauses serious eye initiation 1838 - May cause respiratory initiation 1839 - Gauses initiation 1839 - Gauses serious eye initiation 1839 - Gauses serious eye initiation 1839 - Gauses ereon file elements 1840 - GHS-US) 1840 - GHS-US) 1840 - Gauses serious eye initiation 1839 - May cause respiratory initiation 1	Formula	: C2H2BrF
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SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlabs.com 14. Emergency telephone number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 21. Classification of the substance or mixture Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H315 - Causes serious eye irritation STOT SE 3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16 22. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Figure 4 (GHS-US) Figure 4 (GHS-US) Signal word (GHS-US) Figure 4 (GHS-US) Figure 4 (GHS-US) Figure 4 (GHS-US) Figure 4 (GHS-US) Figure 4 (GHS-US) Signal word (GHS-US) Figure 4 (GHS-US)	atories, Inc. M15 - United States of America 8 - F (386) 462-7097 bisc.com - www.svincuestlabs.com gency telephone number beir : (844) 523-4086 (3E Company - Account 10069) Hazard(s) identification Iffection of the substance or mixture GHS-US) 1315 - Causes skin irritation 1319 - Causes serious eye irritation 1325 - May cause respiratory irritation 1335 - May cause respiratory irritation 1335 - May cause respiratory irritation 1355 - May cause respiratory irritation 1355 - May cause respiratory irritation 1368 - GHS-US) IS-US) IS	Jse of the substance/mixture	Manufacture of substances
P.O. Box 309 Alachua, FL 32615 - United States of America (1366) 462-0788 - F (386) 462-7097 Info@synquestlabs.com - www.synquestlabs.com 1.4. Emergency telephone number Emergency number Emergency number 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Irit. 2 H315 - Causes skin irritation Eye Irit. 2A H319 - Causes serious eye irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US Signal word (GHS-US) Signal word (GHS-US) Signal word (GHS-US) File text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Year Mark Statements (GHS-US) Year Wash Stin Irritation H315 - Causes skin irritation H319 - Causes skin irritation H315 - Causes skin irritation H315 - Causes skin irritation H315 - Causes skin irritation H319 - Causes	115 - United States of America 8 - F (386) 462-7097 bas.com - www.synquestlabs.com genoy telephone number ther : (844) 523-4086 (3E Company - Account 10069) Hazaro(s) Identification Ification of the substance or mixture GHS-US) 1315 - Causes skin irritation 1335 - May cause respiratory irritation 1336 - May cause respiratory irritation 1337 - 224 - Avoid breathing dust/fume/gas/mist/vapors/spray 1340 - May cause respiratory irritation 1351 - Use only outdoors or in a well-ventilated area 1260 - Waar protective gloves/protective clothing/eep protection/face protection 1362 - P364 - Take on deay to do. Continue rinsing 137 - 2081 a POISON CENTER or doctor/physician if you feel unwell 1321 - Specific treatment (see supplemental first ad instructors on this label) 1334 - 1840 irritation necess: Get medical advice/attention 1337 - P334 - 1 If skin irritation occuss: Get medical advice/attention 1337 - P334 - 1	1.3. Details of the supplier of the sa	fety data sheet
Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Irrit. 2 H315 - Causes serious eye irritation Eye Irrit. 2A H315 - Causes serious eye irritation STOT SE 3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) : Signal word (GHS-US) : Hazard statements (GHS-US) : Hazard statements (GHS-US) : Precautionary statements (GHS-US) : Page Page Page Page Page Page Page Page	ber : (844) 523-4086 (3E Company - Account 10069) Hazard(s) identification fifcation of the substance or mixture GHS-US) 1315 - Causes skin irritation 1335 - May cause respiratory irritation 1335 - May cause respiratory irritation 1335 - May cause respiratory irritation 1336 - May cause respiratory irritation 1337 - May cause respiratory irritation 1338 - May cause respiratory irritation 1336 - May cause respiratory irritation 1337 - May cause respiratory irritation 1338 - May cause respiratory irritation 1339 - Causes serious eye irritation 1340 - Causes serious eye irritation 1350 - May cause respiratory irritation 1360 - H315 - Causes serious eye irritation 1370 - Causes serious eye irritation 1381 - Causes serious eye irritation 1393 - May cause respiratory irritation 1319 - Causes serious eye irritation 1328 - May cause respiratory irritation 1339 - Bit is volutoors or in a well-ventilated area 1390 - P264 - Wash skin thoroughly after handling 1271 - Use only outdoors or in a well-ventilated area 1280 - Wear protective gloves/protective clothing/eye protection/face protection	P [.] O. Box 309 Alachua, FL 32615 - United States of Ameri T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - <u>www.synquestlab</u>	
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2.1. Classification of the substance or mixture Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye irritation STOT SE 3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) : Signal word (GHS-US) : Hazard statements (GHS-US) : Warning Hazard statements (GHS-US) : Precautionary statements (GHS-US) : Precautionary statements (GHS-US) : Precautionary statements (GHS-US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin throughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of scap and water P304+P336 - If in eyes: Rinse cautiously with water for several minutes	Iffication of the substance or mixture GHS-US) 1315 - Causes skin irritation 1319 - Causes serious eye irritation 1335 - May cause respiratory irritation rasses: see section 16 elements rg ms (GHS-US) is GHS-US) is H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - Vash cause respiratory irritation H337 - P261 - Avoid breathing dust/tume/gas/mist/vapors/spray P264 - Wash with plenty of soap and water P280 - Wear protective gloves/protective clothing/gee protection/face protection P304-P340 - If inhaled: Remove person to fresh air and keep comfotable for breathing P304-P340 - If in eyes: Rinse cautiously with water for several minutes. Remove contac lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332 + P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If skin irritation occurs: G		. (044) 325-4000 (SE Company - Account Toolog)
GHS-US labeling Hazard pictograms (GHS-US) : GHS07 Signal word (GHS-US) Hazard statements (GHS-US) : Hazard statements (GHS-US) : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation Precautionary statements (GHS-US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protectio P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes	ng ms (GHS-US) : GHS07 IS-US) : Warning nts (GHS-US) : H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H354 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P364-P346 - Take off contaminated clothing and wash it before reuse		
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P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up		Skin Irrit. 2 H315 - Causes skin irritation 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) Signal word (GHS-US) Hazard statements (GHS-US)	 irritation ry irritation irritation irr

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2.3. Other hazards					
No additional information available					
2.4. Unknown acute toxicity (GHS US)					
Not applicable					
SECTION 3: Composition/information	on on ind	radiante			
3.1. Substance		redients			
Substance type	· Mono-	constituent			
Name		Product identifier	%	Classification (CHC UC)	
(Z)-1-Bromo-2-fluoroethylene		(CAS No) 2366-31-6	<= 100	Classification (GHS-US) Skin Irrit, 2. H315	
(Main constituent)			100	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	e of accident or if you feel unwell, seek i possible). Move the affected personnel	away from the o	contaminated area.	
First-aid measures after inhalation		ve person to fresh air and keep comfortation. Get medical advice/attention.	able for breathin	g. If not breathing, give artificial	
First-aid measures after skin contact		with plenty of soap and water. Get med			
First-aid measures after eye contact		liately flush eyes thoroughly with water t t and easy to do. Continue rinsing. Get			
First-aid measures after ingestion		T induce vomiting. Never give anything out with water. Get medical advice/atte		unconscious person. Rinse	
4.2. Most important symptoms and effe	ects, both a	cute and delayed			
Symptoms/injuries	: The m 2.2) ar	ost important known symptoms and effe d/or in section 11.	ects are describe	ed in the labelling (see section	
4.3. Indication of any immediate medic	al attention	and special treatment needed			
Treat symptomatically.					
SECTION 5: Firefighting measures					
5.1. Extinguishing media					
Suitable extinguishing media		I resistant foam. Carbon dioxide. Dry poriate for surrounding fire.	owder. Water sp	ray. Use extinguishing media	
5.2. Special hazards arising from the s	ubstance o	r mixture			
Fire hazard	: Therm	al decomposition generates: Carbon ox	ides. Hydrogen	bromide. Hydrogen fluoride.	
Explosion hazard	: Risk o contai	explosion if heated under confinement ners.	. Use water spra	ay or fog for cooling exposed	
5.3. Advice for firefighters					
Firefighting instructions	: In case	e of fire: Evacuate area. Fight fire remot	tely due to the ris	sk of explosion.	
Protection during firefighting		as tight chemically protective clothing i tus. For further information refer to sec			
SECTION 6: Accidental release measures					
6.1. Personal precautions, protective e	quipment a	nd emergency procedures			
General measures		ate unnecessary personnel. Ensure ade ng oxygen available for breathing. Do ne			
6.1.1. For non-emergency personnel					
Emergency procedures	: Only q	ualified personnel equipped with suitabl	le protective equ	lipment may intervene.	
6.1.2. For emergency responders					
Protective equipment		attempt to take action without suitable section 8: "Exposure controls/persona		ment. For further information	
Emergency procedures	: Gas/va level.	apor heavier than air. May accumulate in	n confined space	es, particularly at or below ground	I
03/22/2017	EN (Engl	sh US)	SDS ID: 1300B22	2/6	_

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Other information Explosion-proof equipment. Take up small spills with dry chemical absorbent. Swe spills into appropriate container for disposal. Ventilate area. Other information : For disposal of solid materials or residues refer to section 13 : "Disposal consideration additional information available 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 : Pressurized container: Do not pierce or burn, even after use. Close valve after eact when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We		
6.3. 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. Methods for cleaning up : Take up large spills with pump or vacuum and finish with dry chemical absorbent. explosion-proof equipment. Take up small spills with dry chemical absorbent. Swe spills into appropriate container for disposal. Ventilate area. Other information : For disposal of solid materials or residues refer to section 13 : "Disposal consideration available SECTION 7: Handling and storage 7.1. Precautions for safe handling Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use. Close valve after eaction when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	6.2. Environmental precautions	
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. explosion-proof equipment. Take up small spills with dry chemical absorbent. Swe spills into appropriate container for disposal. Ventilate area. Other information : For disposal of solid materials or residues refer to section 13 : "Disposal considera 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 : Pressurized container: Do not pierce or burn, even after use. Close valve after eac when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	Avoid release to the environment. Notify authoritie	es 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. swe spills into appropriate container for disposal. Ventilate area. Other information : For disposal of solid materials or residues refer to section 13 : "Disposal considera 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 : Pressurized container: Do not pierce or burn, even after use. Close valve after eact when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	6.3. Methods and material for containmen	nt and cleaning up
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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 : Pressurized container: Do not pierce or burn, even after use. Close valve after each when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	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.
No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Precautions for safe handling Precautions for safe handling Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
SECTION 7: Handling and storage 7.1. Precautions for safe handling Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use. Close valve after each when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	6.4. Reference to other sections	
7.1. Precautions for safe handling Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use. Close valve after each when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	No additional information available	
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when empty. Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Ensure ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	7.1. Precautions for safe handling	
ventilation of the work station. Do not breathe fumes, gas, mist, spray, vapors. We	Additional hazards when processed	: Pressurized container: Do not pierce or burn, even after use. Close valve after each use and when empty.
protective equipment. Avoid contact with skin and eyes.	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, gas, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes.

Safe handling of the gas receptacle	: Securely chain cylinders when in use and protect against physical damage.
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, inclue	ding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Keep container closed when not in use.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.

: Store in dry, cool, well-ventilated area.

Storage area

SECTION 8: Exposure controls/personal protection

Control parameters 8.1.

No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Systems under pressure should be regularily checked for leakage. Oxygen detectors should be used when asphyxiating gases may be released.
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.

9.1. Information on basic physical and	I chemical properties
Physical state	: Liquid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 36 °C
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available

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	-
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	: 124.94 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

SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No add	litional information available
10.2.	Chemical stability
The pro	oduct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No add	litional information available
10.4.	Conditions to avoid
Keep a	way from heat, sparks and flame.
10.5.	Incompatible materials
Alkali m	netals. Finely divided metals (Al, Mg, Zn). Strong acids. Strong bases. Strong oxidizing agents.
10.6.	Hazardous decomposition products
Under r	normal conditions of storage and use hazardous decomposition products should not be produced. Hazardous decomposition products in case of

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

Acute toxicity	: Not classified
Skin corrosion/irritation Serious eye damage/irritation	Causes skin irritation.Causes serious eye irritation.
Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	Not classifiedNot classifiedNot classifiedNot classified
Reproductive toxicity Specific target organ toxicity (single exposure)	: Not classified : May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTIC	DN 12: Ecological information	
12.1.	Toxicity	
No additional information available		

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12.2.	Persistence and degradability		
No addit	ional information available		
12.3.	Bioaccumulative potential		
No addit	ional information available		
12.4.	Mobility in soil		
No additional 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 Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

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:

(Z)-1-Bromo-2-fluoroethylene	CAS No 2366-31-6	100%

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

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Full tex	t of H-phrases:		
	Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	
	Skin Irrit. 2	Skin corrosion/irritation Category 2	
	STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
	H315	Causes skin irritation	
	H319	Causes serious eye irritation	
	H335	May cause respiratory irritation	
NFPA f	nealth hazard ire hazard eactivity	 : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given. : 0 - Materials that will not burn. : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. 	
HMIS II	I Rating		
Health		: 2 Moderate Hazard - Temporary or minor injury may occur	
Flamma	ability	: 0 Minimal Hazard - Materials that will not burn	
Physica	al	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.	

SDS US (GHS HazCom 2012)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.