

Safety Data Sheet 4H561C1 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 01/20/2016 Version: 1.0

Sec. FLOW 11 (definition)         Product tom         Substance name         1: 1       Montification         Product tom         Substance name         1: 41-bit formula         1: 100000000000000000000000000000000000			
Product form : Substance Substance name : 4 - Hydroxypiperidine, N-BOC protected Substance name : 4 - Hydroxypiperidine, N-BOC protected CAS No : 10384-19-2 Product code : 4 4456-1-01 Formula : (101413N0-3 Synonyms : 1 - fore-Full volocationary)1 - Hydroxypiperidine; terr-Butyl 4 - Hydroxypiperidine-1-carboxytate Dther means of identification : MFCD01075174 1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Laboratory chemicals Synonyms : Laboratory chemicals Synonyms : (1, 2, 0, 100, 100, 100, 100, 100, 100, 1	SECTION 1: Identification		
Substance name       : 4+Hydroxypiperidine, N-BOC protected         CAS No       : 10938419-2         Product code       :: 4H86-1-C1         Formula       :: C10H19N03         Synonyms       :: L(ert-Butoxycathonyl)-4-hydroxypiperidine; ten-Butyl 4-hydroxypiperidine; 1-carboxylate         Date means of identification       :: MFCDD1075174         12.       Relevant identified uses of the substance or insture and uses advised against         13.       Details of the supplier of the safety data sheet         SynOputer Laboratory chemicals       : Suboratory chemicals         Manufacture of substance on mixture       : Suboratory chemicals         Cossidication of the subuestation of the subcety data sheet       : SynOputer Laboratory chemicals         Cossidication of the subuestation on mixture and uses advised against       : Suboratory Chemicals         Cossidication of the substance on mixture       : Suboratory Chemicals         SynOputer Laboratory chemicals       : Suboratory chemicals			
AS No : 10938-192 Product code : 14H56-1-C1 formula : C10H19N03 Synonyms : 1 (Intr-Butoxycarboryi)-4-hydroxypiperidine; ten-Butyi 4-hydroxypiperidine-1-carboxylate Differ means of identification : MFCD01075174 <b>12. Relevant identified uses of the substance or mixture and uses advised against</b> <b>13. Details of the supplier of the safety data sheet</b> Scientific research and development <b>13. Details of the supplier of the safety data sheet</b> Scientific research and development <b>14. Densequency tablephone number</b> (1. (Beigh 462-078; F1(36) 160-F1(4)) <b>15. Details of the supplier of the safety data sheet</b> Scientific research and development <b>16. Details of the supplier of the safety data sheet</b> Scientific research and development <b>17. Details of the supplier of the safety data sheet</b> Scientific research and development <b>18. Details of the supplier of the safety data sheet</b> Scientific research and development <b>19. Details of the supplier of the safety data sheet</b> <b>19. Details of the supplier of the safety data sheet</b> <b>19. Details of the substance or mixture</b> <b>10. Details of the substance or mixture</b> <b>11. Classification of the substance or mixture</b> <b>12. Label dements</b> <b>25. Details of the substance or mixture</b> <b>13. Details of the substance or mixture</b> <b>14. Denseque y tabephone number</b> <b>15. Details of the substance or mixture</b> <b>15. Details of the substance or mixture</b> <b>16. Details of the substance or mixture</b> <b>17. Details of the substance or mixture</b> <b>18. Details of the substance</b> <b>18. Details of the substance or mixture</b> <b>1</b>	'roduct form	: Substance	
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ormula : C 10H19NO3 ynonyms : : 1-[ten-Butoxycatonyt)] -4-hydroxypiperidine; ten-Butyl 4-hydroxypiperidine-1-carboxylate ther means of identification : : MFCDD1075174 2. Relevant identified uses of the substance or mixture and uses advised against caloratory chemicals multification : : MFCDD1075174 2. Relevant identified uses of the substance or mixture and uses advised against 3. Details of the supplier of the safety data substances Scientific research and development 3. Details of the supplier of the safety data sheet ynOuest Laboratories, Inc. 3. O Bot 309 Laboratory C 1200 Laboratory C 1200 Labor	AS No	: 109384-19-2	
ynams       : 1-(tert-Butaxycatonyl)-4-hydroxpiperidine; tert-Butyl 4-hydroxpiperidine-1-catboxylate         ther means of identification       : MFCDD1075174         2. Relevant identified uses of the substance or mixture and uses advised against         cate of the substance/mixture       : Laboratory chemicals Manufacture of aubstances Scientific research and development         3. Details of the supplier of the safety data sheet ymprouest Laboratories, Inc.       : Comparison of the substance or mixture and the substance of the substance or mixture (36) 462-0788 - F (36) 462-7087         1. Classification of the substance or mixture (36) 462-0788 - F (36) 1dentification (36) 462-0788 - F (36) 1dentification (37) 55 3 1335 - May cause respiratory irritation uit et ad H-phrases: see section 16         2. Label elements         HS-US labeling azard pictograms (GHS-US)       : Warning H315 - Causes skin irritation H335 - May cause espiratory irritation H336 - May cause espiratory irritation H336 - May cause espiratory irritation H337 - F(36) - World breathing dats, Inst. spray P284 - Wash skin thoroughly after handling P284 - P384 - H346 - Breater weal-weal-adarate P320 - Weas protective gloves/protective christion H337 - P337 - P338 - H (ave) chrosters in a data for advice/attention P332 + P331 - H346 indentification experestor for the unvellentin	roduct code	: 4H56-1-C1	
ther means of identification : MFCD01075174 2. Relevant identified uses of the substance or mixture and uses advised against se of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development 3. Details of the supplier of the safety data sheet ynQuest Laboratories, Inc. 0. Box 309 labous, F1, 32615 - United States of America (380) 462-0785 - F(380) 470-0785 - F(380) 47	ormula	: C10H19NO3	
2. Relevant Identified uses of the substance or mixture and uses advised against         se of the substance/mixture       : Laboratory chemicals Manufacture of substances Scientific research and development         3. Details of the supplier of the safety data sheet ynCuest Laboratories, Inc. O. Box 309 Isachus, FL 32615 - United States of America (386) 462-0789. F (386) 462-7097 (582xrquestIstascom - www.synquestIabs.com         4. Emergency telephone number mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) Identification 1. Classification of the substance or mixture lassification (GHS-US) Kin Inti. 2       1315 - Causes skin irritation yet mr.2A         1. Classification of the substance or mixture lassification (GHS-US) Kin Inti. 2       1315 - Causes skin irritation yet mr.2A         1. Classification of the substance or mixture lassification (GHS-US) Kin Inti. 2       1315 - Causes skin irritation yet mr.2A         1. Classification of the substance or mixture lassification (GHS-US)       : warning xet/svintation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H335 - May causerespiratory irritation H335 - May cause respi	ynonyms	: 1-(tert-Butoxycarbonyl)-4-hydroxypiperidine; tert-Butyl 4-hydroxypiperidine-1-carboxylate	
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se of the substance/mixture i Laboratory chemicals Manufacture of cubstances Scientific research and development 3. Details of the supplier of the safety data sheet w//Ouest Laboratories, Inc. O, Box 309 achua, FL 32615 - United States of America (366) 462-7087 fo@synauestlabs.com - www.synquestlabs.com 4. Energency telephone number mergency number i (844) 523-4086 (3E Company - Account 10069) ECTION 2: Hazard(s) identification 1. Classification of the substance or mixture lassification (HS-US) in the substance or mixture lassification (HS-US) in the substance or mixture assification (HS-US) in the substance or mixture is exercised or the substance or the substance or mixture is exercised or the substance or mixture is exerc	2 Relevant identified uses of the s	ubstance or mixture and uses advised against	
Manufacture of substances Scientific research and development 3. Details of the supplier of the safety data sheet mCuest Laboratories, Inc. 0. Box 309 lachua, FL 32615 - United States of America (386) 462-0787 F (386) 462-0787 for Synquestilaba.com - www.synquestilaba.com 4. Energency telephone number mergency number : (844) 523-4086 (3E Company - Account 10069) ECTION 21 Hazard(s) identification 1. Classification of the substance or mixture lassification of the substance or mixture lassification of the substance or mixture 1. Classification of the substance or mixture 1. Classification of the substance or mixture 1. Classification (GHS-US) in Irni 2. H 135 - Causes skin irritation yee Irrit. 2A H319 - Causes serious eye irritation all text of H-phrases: see section 16 2. Label elements HS-US labeling azard pictograms (GHS-US) i: Warning azard statements (GHS-US) i: Warning azard statements (GHS-US) i: Pasi + Avoid breathing dust, mist, spray. P264 - Wash skin thronough yeft retainding P271 - Use only outdoors or in a well-ventiated area P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If on skin: Wash with pleny of scop and water P304-P345 - If in hiele: Creations (See supplemental first aid instructions on this labe) P314-P345 - If woid breathing protective doloxed attention P324-P345 - If hash if reservent and easy to continue theory for several minutes. Remove contact enses, If present and easy to continue ting of the substane) P334-P335 - If skin initiation cocurs: Get medical advice/attention P324-P345 - Take of contaminated dothing and wash ibfore reuse P344-P345 - Take of contaminated dothing and was			
ynQuest Laboratories, Inc. O, Box 309 Bachar, FL 32615 - United States of America (366) 462-0789 - F (386) 462-7087 <b>662</b> synquestBacks.com : www.snquestBabs.com <b>4. Emergency telephone number</b> mergency number : (844) 523-4086 (3E Company - Account 10069) <b>ECTION 2: Hazard(s) identification</b> <b>1. Classification of the substance or mixture</b> <b>lassification</b> (GHS-US) kin Intt. 2 H315 - Causes skin irritation yerint 2A H319 - Causes serious eye irritation TOT SE 3 H335 - May cause respiratory irritation ull text of H-phrases: see section 16 <b>2. Label elements</b> <b>H5-US labeling</b> azard pictograms (GHS-US) i: H315 - Causes skin irritation H319 - Causes skin order the substance of the s		Manufacture of substances	
O. Box 309         Schus, F. 32615 - United States of America         (386) 462-0788 - F (386) 462-0787         Indeg Synquestlabs.com - www.synquestlabs.com         4. Emergency telephone number         mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) identification         1. Classification of the substance or mixture         lassification (GHS-US)         in Int. 2. H315 - Causes skin irritation         ye Irrit. 2A         ye Irrit. 2A         335 - May cause respiratory irritation         ull text of H-phrases: see section 16         2. Label elements         HS-US labeling         azard pictograms (GHS-US)         ignal word (GHS-US)	3. Details of the supplier of the safe	ety data sheet	
G. Box 309         Jachua, F. J 22615 - United States of America         (366) 462-0788 - F (386) 462-7097         IndeBischur, F. J 22615 - United States of America         (366) 462-0788 - F (386) 462-7097         IndeBischur, F. J 22615 - United States of America         (366) 462-0789 - F (386) 462-7097         IndeBischur, C. States and States of America         (366) 462-0780 - Company - Account 10069)         ECTION 2: Hazard(s) identification         A. Emergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) identification         Historia Company - Account 10069)         ECTION 2: Hazard(s) identification         Historia Company - Account 10069)         ECTION 2: Hazard(s) identification         Value and Company - Account 10069)         ECTION 2: Hazard(s) identification         Value and Table and the substance or mixture         Itassification (GHS-US)         Itat of Label elements         HS-US labeling         Izzard pictograms (GHS-US)       : Warning         Izaard statements (GHS-US)       : Warning         Izaard statements (GHS-US)       : Warning         P261 - Wash skin infration         H319 - Causes skin irritation         H335 - May cause respiratany irritation	ynQuest Laboratories, Inc.		
(386) 462-0788 - F (386) 462-7097 fo@synquestlabs.com - www.synquestlabs.com 4. Emergency telephone number mergency number : (844) 523-4086 (3E Company - Account 10069) EECTION 2: Hazard(s) identification 1. Classification of the substance or mixture 1. Classification of the substance or mixture 1. Classification (CHS-US) kin Irit, 2 H315 - Causes skin iritation ye Irit, 2A H319 - Causes serious eye iritation TOT SE 3 H335 - May cause respiratory irritation ull text of H-phrases: see section 16 2. Label elements H54-US labeling lazard pictograms (GHS-US) ignal word (GHS-US) ignal word (GHS-US) recautionary statements (GHS-US) P261 - Avoid breathing dust, mist, paray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-wenitated area P280 - Wear protective clothing/exp retection/face protection P304-P322 - If on skin irritation P304-P322 - If on skin irritation reserves for dowed person for fees handling P271 - Use only outdoors or in a well-wenitated area P280 - Wear protective clothing/exp retection/face protection P304-P322 - If on skin: Wash with pleny of soap and water P304+P320 - If inhaled: Remove person for fees hand water P304+P320 - If inhaled: Remove person for fees hand water P304+P320 - If inhaled: Remove person for fees hand wite/weithated for breathing P304-P31 - If skin irritation persists: Cest medical advice/attention P332+P31 - If skin irritation persists: Cest medical advice/attention P332+P33 - If skin irritation persists: Cest medical advice/at	.O. Box 309		
Ind@synquestlabs.com         4.       Emergency telephone number         mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) identification		a	
4.       Emergency telephone number         mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) identification         1.         Classification of the substance or mixture         Lassification of the substance or mixture         Lassification (GHS-US)         In the substance or mixture         Lassification (GHS-US)         It is a classe serious eye irritation         TOT SF 3         Label elements         HS-US labeling         azard pictograms (GHS-US)         I Warning         azard statements (GHS-US)         I H315 - Causes skin irritation         H315 - Causes skin irritation <td colspan<="" td=""><td></td><td>com</td></td>	<td></td> <td>com</td>		com
mergency number       : (844) 523-4086 (3E Company - Account 10069)         ECTION 2: Hazard(s) identification         1. Classification of the substance or mixture         lassification (GHS-US)         kin Inti. 2       H315 - Causes skin irritation         yeInt: 2A       H315 - Causes serious eye irritation         Yolf 1A       H319 - Causes serious eye irritation         Yolf 2A       H335 - May cause respiratory irritation         Ull text of H-phrases: see section 16			
ECTION 2: Hazard(s) identification         1.       Classification of the substance or mixture         Identification of the substance or mixture         Identification (GHS-US)         kin Inrit. 2         H315 - Causes skin irritation         OT SE3 I H315 - Causes serious eye irritation         OT SE3 I H335 - May cause respiratory irritation         ult ext of H-phrases: see section 16         2.         Label elements         H35 - May cause respiratory irritation         Bazard pictograms (GHS-US)         Warning         azard statements (GHS-US)         P261 - Avoid breathing dust, mist, spray         P264 - Vwash skin thoroughly after handling         P271 - Vwoid breathing dust, mist, spray         P264 - Wash skin thoroughly after handling         P260 - Wear protective gloves/protective coling/eye protection/face protection         P304-P332 - If on skin: Wash with plenty of soap and water         P304-P332 - If on skin: Wash with plenty of soap and water         P304-P332 - If on skin: Wash with plenty of soap and water         P304-P332 - If on sob CONTER to doctor/physician if you feel unw		· (0.44) 522 4000 (25 Company) Account 40000)	
1. Classification of the substance or mixture         tassification (GHS-US)         kin Init. 2       H315 - Causes skin irritation         ye Irrit. 2A       H319 - Causes serious eye irritation         TOT SE 3       H335 - May cause respiratory irritation         Ull text of H-phrases: see section 16         2. Label elements         iHS-US labeling         azard pictograms (GHS-US)       :         ignal word (GHS-US)       :         azard statements (GHS-US)       :         Warning         azard statements (GHS-US)       :         recautionary statements (GHS-US)       :         P261 - Avoid breathing dust, mist, spray         P264 - Wash skin throughly after handling         P271 - Use only outdoors or in a well-ventilated area         P280 - Waar protective gloves/protective clothing/eye protection/face protection         P305+P351+P338 - lf in skin: Wash with plenty of soap and water         P305+P351+P338 - lf in skin: Wash with plenty of soap and mater         P305+P351+P338 - lf in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing         P31 - Specific treatment (see supplemental first aid instructions on this label)         P321 - Specific treatment (see supplemental first aid instructions on this label)         P321 - Specific treatment (s	mergency number	: (844) 523-4086 (3E Company - Account 10069)	
Iazard pictograms (GHS-US)       :         ignal word (GHS-US)       :         ignal word (GHS-US)       :         warning       :         Iazard statements (GHS-US)       :         H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation         H326 - Wash skin thoroughly after handling 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 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 P312 - Call a POISON CENTER or doctor/physician if you feel unwell P312 - Call a POISON CENTER or doctor/physician if you feel unwell P314-P343 - If neyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P314-P343 - If eye irritation persists: Get medical advice/attention P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P337+P343 - I teye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed	Skin Irrit. 2H315 - Causes skin irritationSye Irrit. 2AH319 - Causes serious eye irSTOT SE 3H335 - May cause respiratory		
Iazard pictograms (GHS-US)       :         ignal word (GHS-US)       :         ignal word (GHS-US)       :         lazard statements (GHS-US)       :         H315 - Causes skin irritation H335 - May cause respiratory irritation H335 - May cause respiratory irritation         recautionary statements (GHS-US)       :         P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective 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 P314 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation persists: Get medical advice/attention P332+P313 - If skin irritation persists: Get medical advice/attention P332+P333 - Store in a well-ventilated place. Keep container tightly closed	kin Irrit. 2 H315 - Causes skin irritation ye Irrit. 2A H319 - Causes serious eye ir TOT SE 3 H335 - May cause respiratory full text of H-phrases: see section 16		
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<ul> <li>Hazard statements (GHS-US)</li> <li>H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation</li> <li>Precautionary statements (GHS-US)</li> <li>P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective 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 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact 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 persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed</li> </ul>	Skin Irrit. 2       H315 - Causes skin irritation         Eye Irrit. 2A       H319 - Causes serious eye ir         STOT SE 3       H335 - May cause respiratory         Full text of H-phrases: see section 16         2.2.       Label elements         SHS-US labeling		
<ul> <li>H319 - Causes serious eye irritation</li> <li>H335 - May cause respiratory irritation</li> <li>recautionary statements (GHS-US)</li> <li>P261 - Avoid breathing dust, mist, spray</li> <li>P264 - Wash skin thoroughly after handling</li> <li>P271 - Use only outdoors or in a well-ventilated area</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection</li> <li>P302+P352 - If on skin: Wash with plenty of soap and water</li> <li>P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing</li> <li>P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</li> <li>P312 - Call a POISON CENTER or doctor/physician if you feel unwell</li> <li>P332+P313 - If skin irritation occurs: Get medical advice/attention</li> <li>P337+P313 - If eye irritation persists: Get medical advice/attention</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse</li> <li>P403+P233 - Store in a well-ventilated place. Keep container tightly closed</li> </ul>	kin Irrit. 2 H315 - Causes skin irritation ye Irrit. 2A H319 - Causes serious eye ir TOT SE 3 H335 - May cause respiratory ull text of H-phrases: see section 16 .2. Label elements HS-US labeling lazard pictograms (GHS-US)	y irritation	
recautionary statements (GHS-US) : P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective 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 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P32+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed	kin Irrit. 2 H315 - Causes skin irritation ye Irrit. 2A H319 - Causes serious eye ir TOT SE 3 H335 - May cause respiratory ull text of H-phrases: see section 16 .2. Label elements HS-US labeling lazard pictograms (GHS-US)	y irritation	
	Skin Irrit. 2 H315 - Causes skin irritation Eye Irrit. 2A H319 - Causes serious eye ir STOT SE 3 H335 - May cause respiratory Full text of H-phrases: see section 16 <b>2.2. Label elements</b> <b>GHS-US labeling</b> Hazard pictograms (GHS-US)	y irritation : : : : : : : : : : : : :	

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

2.3. Other hazards				
No additional information available				
2.4. Unknown acute toxicity (GHS US) Not applicable				
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SECTION 3: Composition/information of	on ing	gredients		
3.1. Substance	Mana			
Substance type :	Iviono	constituent		<u>.</u>
Name		Product identifier	%	Classification (GHS-US)
4-Hydroxypiperidine, N-BOC protected (Main constituent)		(CAS No) 109384-19-2	<= 100	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 :		e of accident or if you feel unwell, seek r possible). Move the affected personnel		
First-aid measures after inhalation :		ve person to fresh air and keep comforta ation. Get medical advice/attention.	able for breathin	g. If not breathing, give artificial
First-aid measures after skin contact :	Wash	with plenty of soap and water. Get medi	cal advice/atten	ntion.
First-aid measures after eye contact :		diately flush eyes thoroughly with water f ht and easy to do. Continue rinsing. Get		
First-aid measures after ingestion :		OT induce vomiting. Never give anything out with water. Get medical advice/atter		unconscious person. Rinse
4.2. Most important symptoms and effects,	both a	cute 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.			
4.3. Indication of any immediate medical at	tentior	and special treatment needed		
Treat symptomatically.				
SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media :		ol resistant foam. Carbon dioxide. Dry po priate for surrounding fire.	owder. Water sp	oray. Use extinguishing media
5.2. Special hazards arising from the subst	ance o	r mixture		
Fire hazard :	Therm	al decomposition generates: Carbon oxi	ides. Nitrogen o	oxides.
5.3. Advice for firefighters				
Firefighting instructions :	: In case of fire: Evacuate area.			
Protection during firefighting :		gas tight chemically protective clothing in atus. For further information refer to sect		
SECTION 6: Accidental release measure	res			
6.1. Personal precautions, protective equip				
General measures :	Evacu	ate unnecessary personnel. Ensure ade	quate air ventila	ation. Do not breathe dust.
6.1.1. For non-emergency personnel				
Emergency procedures :	Only o	ualified personnel equipped with suitable	e protective equ	uipment may intervene.
6.1.2. For emergency responders				
Protective equipment :		t attempt to take action without suitable p o section 8: "Exposure controls/personal		ment. For further information
6.2. Environmental precautions				

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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6.3. Methods and material for c	ontainment and cleaning up
For containment	: Stop leak if safe to do so.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.
Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4. Reference to other section	S
No additional information available	
SECTION 7: Handling and sto	brage
7.1. Precautions for safe handl	ing
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust, mist, spray. Wear personal protective equipment. Avoid contact with skin and eyes.
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	e, including any incompatibilities
Technical measures	: Comply with applicable regulations.

recnnical 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.

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	: Protective gloves. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

### SECTION 9: Physical and chemical properties

9.1. Information on basic physical an	nd chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 61 - 65 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 201.26 g/mol

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: No data available
: No data available

### 9.2. Other information

No additional information available

SECTION 10: Stability and I	reactivity
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
The product is stable at normal hand	ling and storage conditions.
10.3. Possibility of hazardous	reactions
No additional information available	
10.4. Conditions to avoid	
Keep away from heat, sparks and fla	me.
10.5. Incompatible materials	
Strong oxidizing agents.	
10.6. Hazardous decomposition	on products
Under normal conditions of storage a fire, see Section 5.	and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of
<b>SECTION 11: Toxicological</b>	information
11.1. Information on toxicolog	ical effects
Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.

Senous eye damage/imation	. Causes senous eye imitation.
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

**SECTION 12: Ecological information** 12.1. **Toxicity** No additional information available 12.2. Persistence and degradability No additional information available 12.3. **Bioaccumulative potential** No additional information available 12.4. Mobility in soil No additional information available 12.5. Other adverse effects No additional information available

Aspiration hazard

: Not classified

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SECTION 13: Disposal considerati	ons
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 informatio	n
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 informati	on
15.1. US Federal regulations	

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

4-Hydroxypiperidine, N-BOC protected CAS No 109384-19-2 100%		01011 100001 10 0	4000/
	4-Hydroxypiperidine, N-BOC protected		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

### 4-Hydroxypiperidine, N-BOC protected (109384-19-2)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ISHL (Industrial Safety and Health Law)

### 15.3. US State regulations

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

### **SECTION 16: Other information**

### Full text of H-phrases:

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

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NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

### SDS US (GHS HazCom 2012)

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