

Safety Data Sheet 4H481D6 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/02/2016 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: 6-Phenylpyridazin-3(2H)-one
CAS No	: 2166-31-6
Product code	: 4H48-1-D6
Formula	: C10H8N2O
Synonyms	: 2,3-Dihydro-3-oxo-6-phenylpyridazine; (6-Oxo-1,6-dihydropyridazin-3-yl)benzene
Other means of identification	: MFCD00114953
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 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 Company - Account 10069)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance	e or mixture
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)	: H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation
Precautionary 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 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 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 P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant

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

Unknown acute toxicity (GHS US) applicable ETION 3: Composition/information on ingredients Substance atance type i Mone-constituent Product identifier // Classification (GHS-US) Exercised advice/attention // Classification (GHS-US) // Classification (GHS-US) // Classification (GHS-US) // Classification (GHS-US) // Service advice/attention // Classification (GHS-US) // Service/attention // Classification (GHS-US) // Service/attention // Service/atte	.3. Other hazards			
applicable Substance Substance ance type : Mono-constituent me Product identifier % Classification (CHS-US) behaviore messatures (CAS Ne) 2186-31-8 <= 100 Stitu fm: 2, N315 action type : CAS Ne) 2186-31-8 <= 100 Stitu fm: 2, N315 applicable : The CAS Ne) 2186-31-8 STOT SE 3, H335 applicable : In case of accident of if you feel unwell, seek medical advice immediately (show the label where possible). More the affected personnel away from the contaminated area. aid measures general : In case of accident of if you feel unwell, seek medical advice/attention. aid measures after skin contact : Wash with pleny 0 soap and water. Get medical advice/attention. aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minuste. Remove contact lense present and easy to 60. Contine minusing. Get medical advice/attention. aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2. Jand'or in section 11. Incleasting from the substance or mixture : Alcohol re	lo additional information available			
Substance Substance stance type : Mono-constituent mem Product identifier % Classification (OHS-US) inconduction CAB No) 2166-31-8 <= 100	2.4. Unknown acute toxicity (GHS US)			
Substance Substance stance type : Mono-constituent me Product identifier % Classification (CHS-US) hewypyridation 3(2H) one in contribution (CAS No) 2166-31-6 <= 100	lot applicable			
tance type : Mono-constituent Product identifier % Classification (CHS-US) herbydytdazri 3(2H)-one (CAS No 2166-31-6 < 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SECTION 3: Composition/inform	ation on ingredients		
Product identifier % Classification (GHS-US) hervylytidizatin-3(2H)-one inconstructing (CAS No) 2166-31-6 <e 100<="" td=""> Skin Intil 2, H315 Eye Intil 2, H315 inconstructing inconstructing (CAS No) 2166-31-6 <e 100<="" td=""> Skin Intil 2, H315 Eye Intil 2, H315 applicable First ald measures STOT SE 3, H335 Description of first aid measures in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures general : In case of accident or if you feel unwell, seek medical advice/attention. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed : Special hazards arising from the substance or mixture hat is appropriate for the substance or mixture : Nease of fire: Evacuate area.</e></e>	.1. Substance			
hereybyridszin 32(H)-one noowiduum, (CAS Noj 2166-31-6 ce 100 By kin Inti 2, H315 STOT SE 3, H335 ext of U+phrases: see section 16 Mixture applicable Mixture applicable Extended and the section of the section of the section of the section and the section of the secti	Substance type	: Mono-constituent		
in constrained Event in the phrases: see section 16 Mixture STOT SE 3, H335 Paplicable Entrop 14 CTION 4: First ald measures exact of the phrases: see section 16 aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. -aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artifici respiration. Get medical advice/attention. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after ingestion : Do NOT indue voriling. Aver give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures after ingestion : Do NOT indue voriling. Aver give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures after ingestion : Do NOT indue voriling. Aver give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures : The most important known symptoms and effects are described in the labelling (see section 12.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tsymptomatically. Extinguishing media : Alcohol resistant foam. Carbon dioid	Name	Product identifier	%	Classification (GHS-US)
ext of H-phrases: see section 16 Mixture Applicable Description of first ald measures ciald measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures general : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artifici respiration. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after skin contact : Umash with plenty of soap and water. Get medical advice/attention. -aid measures after signestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. -aid measures : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed t symptomatically.	6-Phenylpyridazin-3(2H)-one (Main constituent)	(CAS No) 2166-31-6	<= 100	Eye Irrit. 2A, H319
applicable Description of first aid measures aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. -aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing, if not breathing, give artifici respiration. Get medical advice/attention. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. -aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed t symptomatically. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. special hazards arising from the substance or mixture : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firelighters : In ca	Full text of H-phrases: see section 16		I	
Description of first aid measures aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures general : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificit respiration. Get medical advice/attention. -aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. -aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. -aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth o an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture : In case of fire: Evacuate area. etion during firefighting : In case of fire: Evacuate area. etion during firefighting : In case of fire: Evacuate area. ighting instruct	3.2. Mixture			
Description of first aid measures aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artifici respiration. Get medical advice/attention. aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. aid measures after ingestion : Do NOT induce vontiling. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed . ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed . tsymptomatically. Extinguishing media Extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Advice for firefighters : Ther most indice composition generates: Carbon oxides. Nitrogen oxides.	Not applicable			
aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificit respiration. Get medical advice/attention. aid measures after skin contact : Wash with plenty of scap and water. Get medical advice/attention. aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tsymptomatically. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. special hazards arising from the substance or mixture : In case of fire: Evacuate area. table extinguishing media : In case of fire: Evacuate area. iction during firefighting : In case of fire: Evacuate area. </td <td>SECTION 4: First aid measures</td> <td></td> <td></td> <td></td>	SECTION 4: First aid measures			
aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificit respiration. Get medical advice/attention. aid measures after skin contact : Wash with plenty of scap and water. Get medical advice/attention. aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tsymptomatically. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. special hazards arising from the substance or mixture : In case of fire: Evacuate area. table extinguishing media : In case of fire: Evacuate area. iction during firefighting : In case of fire: Evacuate area. </td <td></td> <td>28</td> <td></td> <td></td>		28		
respiration. Get medical advice/attention. Nost important symptoms and effects, both acute and delayed ptoms/injuries The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed ts ymptomatically. CTION 5: Firefighting measures Extinguishing media respiration for surrounding fire. Special hazards arising from the substance or mixture respiration generates: Carbon oxides. Nitrogen oxides. Advice for firefighters respiration is carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Control of the fighting Personal precautions For firefighting Personal precautions, protective equipment and emergency procedures respiration. Set for emergency personnel respirate in case of personnel equipped with suitable protective equipment may intervene. For one-mergency responders scrive equipment con attempt to take action without suitable protective equipment. For further information respiration respiratin respi	First-aid measures general	: In case of accident or if you fee		
aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lense present and easy to do. Continue rinsing. Get medical advice/attention. aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed . ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tsymptomatically. CTION 55: Firefighting measures : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture . hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters . ighting instructions : In case of fire: Evacuate area. ection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel : Only qualified pers	First-aid measures after inhalation	•	•	thing. If not breathing, give artificial
aid measures after ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Most important symptoms and effects, both acute and delayed ptoms/injuries The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed t symptomatically. CTION 5: Firefighting media able extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard The case of fire: Evacuate area. cition during firefighting Wear gas tight chemically protective clothing in combination with self contained breathing appropriate. For further information refer to section 8: "Exposure controls/personal protective equipment and emergency procedures resonal precautions, protective equipment and emergency procedures Evacuate air ventilation. Do not breathe dust. error on-emergency personnel Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. experiment Only qualified personnel equipped with suitable protective equipment. For further information	First-aid measures after skin contact	: Wash with plenty of soap and w	ater. Get medical advice/a	ttention.
Most important symptoms and effects, both acute and delayed ptoms/injuries The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed tespmptomatically. CTION 5: Firefighting measures Extinguishing media able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters in case of fire: Evacuate area. ighting instructions : In case of fire: Evacuate area. action during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. 2. For emergency responders : Only qualified personnel equipped with suitable protective equipment. For further information	First-aid measures after eye contact			
ptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed t symptomatically. CTION 5: Firefighting measures Extinguishing media able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters : In case of fire: Evacuate area. sction during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. . For emergency responders : Only qualified personnel equipped with suitable protective equipment. For further information	First-aid measures after ingestion			an unconscious person. Rinse
2.2) and/or in section 11. Indication of any immediate medical attention and special treatment needed t symptomatically. CTION 5: Firefighting measures Extinguishing media able extinguishing media i: Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard i: Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters ighting instructions i: In case of fire: Evacuate area. action during firefighting i: Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures aral measures i: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. I. For non-emergency personnel rgency procedures Conly qualified personnel equipped with suitable protective equipment may intervene. C. For emergency responders active equipment	4.2. Most important symptoms and	effects, both acute and delayed		
t symptomatically. CTION 5: Firefighting measures Extinguishing media able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters ighting instructions : In case of fire: Evacuate area. : Wear gas tight chemically protective clothing in combination with self contained breathing appraratus. For further information refer to section 8: "Exposure controls/personal protection CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust For non-emergency personnel rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Constructions : Do not attempt to take action without suitable protective equipment. For further information	Symptoms/injuries		ptoms and effects are desc	cribed in the labelling (see section
Extinguishing media able extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters in case of fire: Evacuate area. ighting instructions : In case of fire: Evacuate area. ection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel regency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 2. For emergency responders sctive equipment : Do not attempt to take action without suitable protective equipment. For further information	4.3. Indication of any immediate me	edical attention and special treatment	needed	
Extinguishing media able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters : ighting instructions : In case of fire: Evacuate area. ection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. P. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information	Freat symptomatically.			
able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters : ighting instructions : In case of fire: Evacuate area. ection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information	SECTION 5: Firefighting measure	es		
able extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Special hazards arising from the substance or mixture hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters : ighting instructions : In case of fire: Evacuate area. ection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information				
hazard : Thermal decomposition generates: Carbon oxides. Nitrogen oxides. Advice for firefighters ighting instructions : In case of fire: Evacuate area. iection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. I. For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. P. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information	Suitable extinguishing media		dioxide. Dry powder. Wate	r spray. Use extinguishing media
Advice for firefighters ighting instructions : In case of fire: Evacuate area. action during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. I. For non-emergency personnel : Only qualified personnel equipped with suitable protective equipment may intervene. P. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information	5.2. Special hazards arising from th	e substance or mixture		
ighting instructions : In case of fire: Evacuate area. iection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 2. For emergency responders ective equipment : Do not attempt to take action without suitable protective equipment. For further information	Fire hazard	: Thermal decomposition general	es: Carbon oxides. Nitroge	en oxides.
Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. For non-emergency personnel rgency procedures Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders Do not attempt to take action without suitable protective equipment. For further information	5.3. Advice for firefighters			
apparatus. For further information refer to section 8: "Exposure controls/personal protection" CTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust For non-emergency personnel rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Construction : For emergency responders : Do not attempt to take action without suitable protective equipment. For further information	Firefighting instructions	: In case of fire: Evacuate area.		
Personal precautions, protective equipment and emergency procedures eral measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. . For non-emergency personnel rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 2. For emergency responders ective equipment : Do not attempt to take action without suitable protective equipment. For further information	Protection during firefighting			
 Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. For non-emergency personnel rgency procedures Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders ective equipment Do not attempt to take action without suitable protective equipment. For further information 	SECTION 6: Accidental release r	neasures		
 For non-emergency personnel rgency procedures Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders Event to take action without suitable protective equipment. For further information 	6.1. Personal precautions, protectiv	ve equipment and emergency procedu	res	
 rgency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. For emergency responders : Do not attempt to take action without suitable protective equipment. For further information 	General measures	: Evacuate unnecessary personn	el. Ensure adequate air ve	ntilation. Do not breathe dust.
 For emergency responders Example 2 by the section of the section without suitable protective equipment. For further information 	5.1.1. For non-emergency personnel			
: Do not attempt to take action without suitable protective equipment. For further information	Emergency procedures	: Only qualified personnel equipp	ed with suitable protective	equipment may intervene.
ective equipment : Do not attempt to take action without suitable protective equipment. For further information	6.1.2. For emergency responders			
Environmental precautions	Protective equipment			

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

Safety Data Sheet

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

6.3.	Methods and material for containment and cleaning up			
For containment		: Stop leak if safe to do so.		
Method	Is for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.		
Other in	nformation	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".		
6.4.	Reference to other sections			
No add	litional information available			
SECT	SECTION 7: Handling and storage			
7.1.	Precautions for safe handling			

Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe 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, inclu	ding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.

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

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. Inform	ation on basic physical an	d chemical properties
Physical state		: Solid
Color		: No data available
Odor		: No data available
Odor threshold		: No data available
рН		: No data available
Melting point		: 201 - 204 °C
Freezing point		: No data available
Boiling point		: No data available
Flash point		: No data available
Relative evapora	tion rate (butyl acetate=1)	: No data available
Flammability (sol	id, gas)	: No data available
Explosion limits		: No data available
Explosive proper	ties	: No data available
Oxidizing propert	ies	: No data available
Vapor pressure		: No data available
Relative density		: No data available
Relative vapor de	ensity at 20 °C	: No data available
Molecular mass		: 172.18 g/mol

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

Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. **Other information**

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
No additional information available
10.2. Chemical stability
The product is stable at normal handling and storage conditions.
10.3. Possibility of hazardous reactions
No additional information available
10.4. Conditions to avoid
Keep away from heat, sparks and flame.
10.5. Incompatible materials
Strong oxidizing agents.
10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.
SECTION 11: Toxicological information
11.1. Information on toxicological effects

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

SECT	ION 12: Ecological information	on		
12.1.	Toxicity			
No add	litional information available			
12.2.	Persistence and degradability			
No add	litional information available			
12.3.	Bioaccumulative potential			
No add	litional information available			
12.4.	Mobility in soil			
No add	litional information available			
12.5.	Other adverse effects			
No add	litional information available			
12/09/2	016	ENI (English LIS)	SDS ID: 4H481D6	1/6

Safety Data Sheet

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

SECTION 13: Disposal considerat	ions			
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 informatic	on and a second se			
Department of Transportation (DOT)				
In accordance with 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 informat	ion			
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:				

6-Phenylpyridazin-3(2H)-one CAS No 2166-31-6 100%			
		CAS NO 2100-31-0	10078

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

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

Safety Data Sheet

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

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.