

4-Chloro-5-methoxypyridazin-3(2H)-one Safety Data Sheet 4H1751G according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 01/19/2017 Version: 1.0

substance name : 4Chloro-5-methoxypyidazin-3(2H)-one AS No : 63910-43-0 Yoduct code : 63910-43-0 Yorduct code : 63910-43-0 Yorduct code : 64910-5-methoxy-3-oxopyidazine Yorduct code : MFCD04971392 2. Relevant identification : MFCD04971392 2. Relevant identification : Scientific research and development 3. Details of the supplier of the safety data sheet Yorduct code YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratorines, Inc. YorQuest Laboratory Chemicals (SECOmpany - Account 10069) SECTION 2: Hazard(S) identification YerQuest Laboratory Chemicals (SECOmpany - Account 10069)	Product form Substance name CAS No Product code Formula Synonyms Other means of identification .2. Relevant identified uses of the sul	 4-Chloro-5-methoxypyridazin-3(2H)-one 63910-43-0 4H17-5-1G C5H5CIN2O2 4-Chloro-2,3-dihydro-5-methoxy-3-oxopyridazine
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AS No :: 6391043-0 Product code :: 4H17-51G Formula :: CSHSCINZO2 Synonyms :: 4-Chloro-2,3-dihydro-5-methoxy-3-oxopyridazine Dither means of identification :: McCD04971392 Jace of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development Jace of the substance/mixture : Laboratory chemicals Manufacture of substances Scientific research and development 13. Details of the subpler of the safety data sheet SynOusest Laboratories, Inc. : Note of the substance or mixture Classification of the substance or mixture : (844) 523-4086 (3E Company - Account 10069) SECTION 22: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 22: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 22: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 22: Hazard(s) identification : (844) 523-4086 (3E Company - Account 10069) SECTION 22: Hazard(s) identifis wallowed : : <tr< th=""><th>CAS No Product code Formula Synonyms Other means of identification 1.2. Relevant identified uses of the sul</th><th> 63910-43-0 4H17-5-1G C5H5CIN2O2 4-Chloro-2,3-dihydro-5-methoxy-3-oxopyridazine </th></tr<>	CAS No Product code Formula Synonyms Other means of identification 1.2. Relevant identified uses of the sul	 63910-43-0 4H17-5-1G C5H5CIN2O2 4-Chloro-2,3-dihydro-5-methoxy-3-oxopyridazine
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SynCluses Laboratories, Inc. P.O. Box 309 Machua, FI. 22615 - United States of America (7.86) 462-0788 - F. (386) 462-7097 (7.86) 462-0788 - F. (386) 462-7097 Emergency telephone number Emergency telephone number Emergency number E. (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) Identification 2.1. Classification of the substance or mixture Classification (CHS-US) Acute Tox. 4 (Oral) H302 - Harmful if swallowed Signin Iti. 2. H315 - Causes skin irritation STOT SE 3 H335 - May cause respiratory irritation STOT SE 3 H335 - May cause respiratory irritation STOT SE 3 H35 - May cause respiratory irritation Store and the store and		Manufacture of substances
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P321 - Specific treatment (see supplemental first aid instructions on this laber) P330 - Rinse mouth P332+P313 - If skin irritation occurs: Get medical advice/attention	Precautionary statements (GHS-US)	 P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P312 - If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell 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

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- 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

- P405 Store locked up
- P501 Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

No additional information available

Unknown acute toxicity (GHS US) 2.4.

Not applicable

Not applicable				
SECTION 3: Composition/information	on on in	gredients		
3.1. Substance				
Substance type	: Mono	-constituent		
Name		Product identifier	%	Classification (GHS-US)
4-Chloro-5-methoxypyridazin-3(2H)-one (Main constituent)		(CAS No) 63910-43-0	<= 100	Acute Tox. 4 (Oral), H302 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		se of accident or if you feel unwell, seek is possible). Move the affected personnel		
First-aid measures after inhalation		ove person to fresh air and keep comforta ation. Get immediate medical advice/atte		ng. If not breathing, give artificial
First-aid measures after skin contact	: Wash	with plenty of soap and water. Get imme	ediate medical a	advice/attention.
First-aid measures after eye contact		diately flush eyes thoroughly with water that and easy to do. Continue rinsing. Get		
First-aid measures after ingestion		OT induce vomiting. Never give anything n out with water. Get immediate medical	,	•
4.2. Most important symptoms and effe	ects, both	acute and delayed		
Symptoms/injuries		nost important known symptoms and effe ind/or in section 11.	ects are describ	ed in the labelling (see section
4.3. Indication of any immediate medica	al attentio	n 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 su	ubstance o	or mixture		
Fire hazard	: Therr	nal decomposition generates: Carbon ox	ides. Hydrogen	chloride. Nitrogen oxides.
5.3. Advice for firefighters				
Firefighting instructions	: In cas	se of fire: Evacuate area.		
Protection during firefighting		gas tight chemically protective clothing i atus. For further information refer to sec		
SECTION 6: Accidental release mea				
6.1. Personal precautions, protective e				
General measures	: Evaci	uate unnecessary personnel. Ensure ade	quate air ventil	ation. Do not breathe dust.
6.1.1. For non-emergency personnel				
Emergency procedures	: Only	qualified personnel equipped with suitabl	e protective eq	uipment may intervene.

Protective equipment

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6.1.2.	For emergency responders	

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

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

6.3. Methods and material for containme	ent 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 sections	
No additional information available	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe 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, includi	ng 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

: 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.
: Protective gloves. 29 CFR 1910.138: Hand Protection.
: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
: Wear suitable protective clothing.
: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic phys	ical and chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: 225 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetat	e=1) : No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Explosive properties	: No data available

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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	: 160.56 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 addi	tional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
Keep av	vay from heat, sparks and flame.
10.5.	Incompatible materials
Strong of	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 informat	tion
11.1. Information on toxicological effects	
Acute toxicity	: Oral: Harmful if swallowed.
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
SECTION 12: Ecological information	

	JIN 12. LUOIOgidal Information			
12.1.	Toxicity			
No additi	onal information available			
12.2.	Persistence and degradability			
No additi	onal information available			
12.3.	Bioaccumulative potential			
No additi	onal information available			
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12.4.	Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

13.1. Waste treatment methods			
Waste treatment methods			h an afterburner and a flue gas scrubber.
Waste disposal recommendations			licensed collector's sorting instructions.
Additional information	: Recycle the ma	terial as far as possible.	
SECTION 14: Transport informat	tion		
Department of Transportation (DOT)			
n 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	ation		
15.1. US Federal regulations			
Substances Control Act (TSCA) inventory			
4-Chloro-5-methoxypyridazin-3(2H)-one	exception.	CAS No 63910-43-0	100%
4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a	a toxic chemical or chemi	cals in excess of the applicable de	
4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting re and 40 CFR Part 372.	a toxic chemical or chemi	cals in excess of the applicable de	minimis concentration as specified in 40
4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting re and 40 CFR Part 372. 15.2. International regulations CANADA	a toxic chemical or chemi	cals in excess of the applicable de	minimis concentration as specified in 40
4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting re	a toxic chemical or chemi	cals in excess of the applicable de	minimis concentration as specified in 40
4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting m and 40 CFR Part 372. 15.2. International regulations CANADA No additional information available EU-Regulations No additional information available No additional information available No additional information available	a toxic chemical or chemi	cals in excess of the applicable de	minimis concentration as specified in 40
 4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting reand 40 CFR Part 372. 15.2. International regulations CANADA No additional information available EU-Regulations 	a toxic chemical or chemi	cals in excess of the applicable de	minimis concentration as specified in 40
 4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting mand 40 CFR Part 372. 15.2. International regulations CANADA No additional information available EU-Regulations No additional information available No additional information available No additional information available No additional information available 	a toxic chemical or chemi equirements of section 3'	cals in excess of the applicable de I3 of Title III of the Superfund Ame	e minimis concentration as specified in 40 endments and Reauthorization Act of 1986
 4-Chloro-5-methoxypyridazin-3(2H)-one This product or mixture does not contain a CFR §372.38(a) subject to the reporting mand 40 CFR Part 372. 15.2. International regulations CANADA No additional information available EU-Regulations No additional information available No additional information available 15.3. US State regulations California Proposition 65 - This product 	a toxic chemical or chemi equirements of section 3'	cals in excess of the applicable de I3 of Title III of the Superfund Ame	e minimis concentration as specified in 40 endments and Reauthorization Act of 1986

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Full text of H-phrases:	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
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
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
NFPA health hazard NFPA fire hazard NFPA reactivity	 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. 0 - Materials that will not burn. 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
Flammability	: 0 Minimal Hazard - Materials that will not burn
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)

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