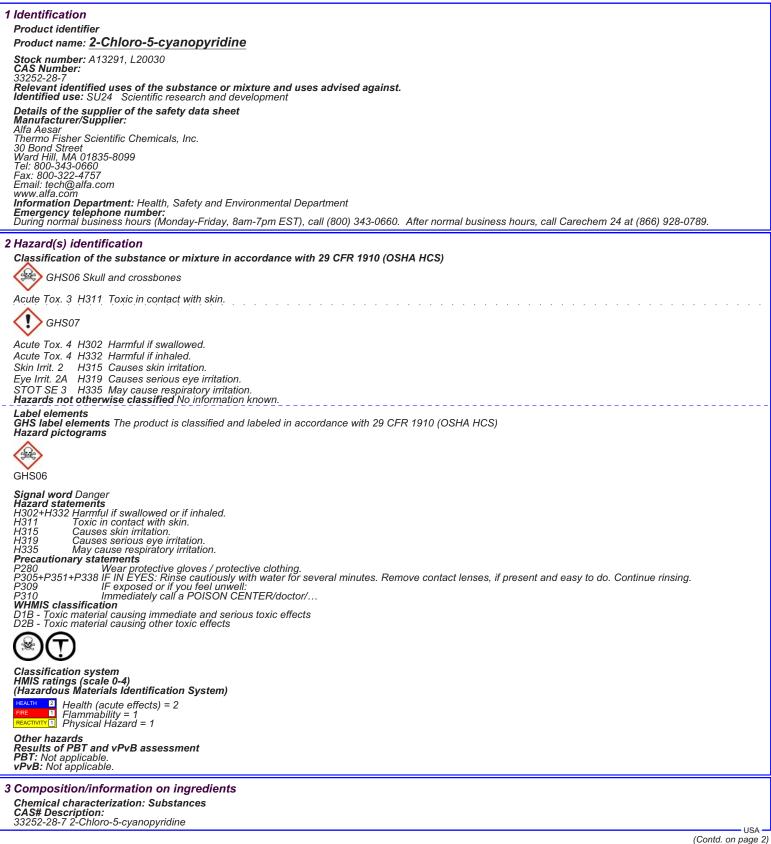


Safety Data Sheet per OSHA HazCom 2012



(Contd. of page 1) 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. After skin contact After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment. Information for doctor Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed No further relevant information available. 5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide Hydrogen cyanide (HCN) Nitrogen oxides (NOx) Advice for firefighters Protective equipment: Wear self-contained respirator. Extinguishing media Wear fully protective impervious suit. 6 Accidental release measures Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Environmental precautions: Do not allow material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up: Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. Prevention of secondary hazards: No special measures required. Reference to other sections See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 7 Handling and storage Handling Precautions for safe handling Receptions for sale managing Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Information about protection against explosions and fires: No information known. Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Specific end use(s) No further relevant information available. 8 Exposure controls/personal protection Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Control parameters Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Additional information: No data Exposure controls Personal protective equipment General protective and hygienic measures The usual procertive and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. **Breathing equipment:** Use suitable respirator when high concentrations are present. **Protection of hands:** Impervious gloves Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. **Eye protection:** Safety glasses **Body protection:** Protective work clothing. 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Powder Color White (Contd. on page 3)

Safety Data Sheet per OSHA HazCom 2012

Product name: 2-Chloro-5-cyanopyridine

	(Contd. of page	
Odor:	Not determined	
	Not determined.	
	Not applicable.	
Sublimation temperature / start:	116-119 °C (241-246 °F) 105-107 °C (221-225 °F) (1mm Hg) Not determined	
Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not applicable Not determined. Not determined Not determined Not determined.	
Explosion limits: Lower: Upper: Vapor pressure: Density: Relative density Vapor density Evaporation rate Solubility in / Miscibility with Water: Partition coefficient (n-octanol/water): Viscosity: dynamic: kinematic:	Product does not present an explosion hazard. Not determined Not determined Not determined Not determined. Not applicable. Not applicable. Insoluble Not determined. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.	
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions No dangerous reactions known Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen cyanide Nitrogen oxides		
11 Toxicological information Information on toxicological effects Acute toxicity: Harmful if inhaled. Harmful if swallowed. Toxic in contact with skin. Danger through skin absorption. LD/LC50 values that are relevant for classification: No data		

LD/LC50 values that are relevant for classification: No data Skin irritation or corrosion: Causes skin irritation. Eye irritation or corrosion: Causes serious eye irritation. Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known. Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. Reproductive toxicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: May cause respiratory irritation. Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

12 Ecological information

Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Additional ecological information: General notes: Do not allow material to be released to the environment without proper governmental permits. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.

USA (Contd. on page 4)

Safety Data Sheet per OSHA HazCom 2012

Product name: 2-Chloro-5-cyanopyridine

(Contd. of page 3)

UN-Number DOT UNKERS UNKERS MODE, INTA Nitrities, add, toxe, n.o.e. [-2.Chim-5-cyanopyritime] MTRLES, SULD, TOXIC, N.O.S. [-2.Chim-5-cyanopyritime] MODE, INTA NITRLES, SULD, TOXIC, N.O.S. [-2.Chim-5-cyanopyritime] Internet, add, add, add, add, add, add, add, ad		(Contd. of page 3,	
UN-Number DOT UNKERS UNKERS MODE, INTA Nitrities, add, toxe, n.o.e. [-2.Chim-5-cyanopyritime] MTRLES, SULD, TOXIC, N.O.S. [-2.Chim-5-cyanopyritime] MODE, INTA NITRLES, SULD, TOXIC, N.O.S. [-2.Chim-5-cyanopyritime] Internet, add, add, add, add, add, add, add, ad	14 Transport information		
UN proper shipping name Notice, calls, force, calls, CP, Chloro, 4- cyanogyndine) Min ProLess, BOLLD TORIC, N.G.S. (2-Chloro, 4- cyanogyndine) MinReLess, BOLLD TORIC, N.G.S. (2-Chloro, 4- cyanogyndine) Min ProLess, BOLLD TORIC, N.G.S. (2-Chloro, 4- cyanogyndine) MinReLess, BOLLD TORIC, N.G.S. (2-Chloro, 4- cyanogyndine) OT Image: Character of the cyanogyndine of th	UN-Number	1000	
DBC Attract Mittless, solid. Dottion, In C.S. (2-Chloro, 5-cynanogyndine) Through In based class(es) Off OF Image: Chloro, 1-cynanogyndine) Of Image: Chloro,		UN3439	
Transport hazard class(ea) DOT Class 6.1 Toxic subdances. Porting Group 6.1 Porting Group 6.1 <th>DOT</th> <th>Nitriles, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine) NITRILES, SOLID, TOXIC, N.O.S. (2-Chloro-5-cyanopyridine)</th>	DOT	Nitriles, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine) NITRILES, SOLID, TOXIC, N.O.S. (2-Chloro-5-cyanopyridine)	
Solution 6 1 Toxic substances. Gines 6 1 Toxic substances. Solution Maring: Toxic substances. Solution Maring: Toxic substances. Solution Maring: Toxic substances. Solution Maring: Toxic substances. Maring: Toxic substances. Maring: Toxic substances. Toxic substances. Maring: Toxic substances. Marine: Political Moral Moral Marine. Maring: Toxic substances. Marine: Political Moral Moral Marine. Marine: Toxic substances. Marine: Political Moral Moral Marine. Marine: Toxic substances. Marine: Political Moral Mari	Transport hazard class(es)		
	DOT		
Lobel 6.1 Class 6.1 Class 6.1 Class 6.1 Class 6.1 Class 6.1 Class 6.1 Dor, MBC, LATA MI Environmental hazards: Mol applicable Environmental hazards: Mol applicable Environmental hazards: Mol applicable Transport Inbia Recording to Annex II of MARPOL7378 and the IBC Code Noi applicable Mol applicable Maring: Tools substances Mol applicable Transport Inbia Recording to Annex II of MARPOL7378 and the IBC Code Noi applicable Mol applicable Marine Pollutart Information: Noi UN: Model Regulation*: UN3439, Ninies, solid, toxic, n.o.s. (2-Chioro-5-cyanopyridine), 6.1, III Stept, healt and environmental regulations/Registation specific for the substance or mixture Gris black elements Moles Regulation*: Fibrard Stept Handle Information: Moles Regulation*: UN3439, Ninies, solid, toxic, n.o.s. (2-Chioro-5-cyanopyridine), 6.1, III Stept, healt and environmental regulations/Registation specific for the substance or mixture Gris black elements Moles Regulation*: Minice Stept Step	10xc		
Cheel HMDG, LATA 6.1 (72) Toxic substances Cheel Label 6.1 (72) Toxic substances Doright Not applicable Special presultions for the conting to Annex H of MARPOLIZ/78 and the IBC Code Not applicable Theraport Hub Recording to Annex H of MARPOLIZ/78 and the IBC Code Not applicable Theraport Hub Recording to Annex H of MARPOLIZ/78 and the IBC Code Not applicable Weine Politicating Tool (2000) Note Reputations UN Model Reputation*: UN Model Reputation*: <tr< th=""><th>Class</th><th>6 1 Taxia substances</th></tr<>	Class	6 1 Taxia substances	
dbbg 6.1 Class 6.1 Class 6.1 Construction 6.1 Dependencies Mariner, Toxic substances Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport Indukt excerding to Annex II of MARPOL73/78 and the IBC Code Not applicable. OPT More More Applicable. OPT Not Work applicable. State Applicable. Work applicable. Toxic autobase applicable. State Applicable. Work applicable. Toxic autobase applicable. State Applicable. Work applicable. Toxic autobase applicable. State Applicable. Work applicable. <t< th=""><th>Label</th><th>6.1</th></t<>	Label	6.1	
MDG, LATA A Chess 6.1 Toxic substances. Eaber 6.1 DOT, MMG, KATA III DOT, MMG, KATA III Expecting group OOT, MMG, KATA III Special processions for user Warning: Toxic substances Transport Multi According to Annex II of MARPOLT378 and the IBC Code Not applicable. Transport Multi According to Annex II of MARPOLT378 and the IBC Code Not applicable. OT Marine Pollutant (DOT): OUT Mol MOL Model Regulation*: UN3439, Minies, solid, toxic, n.o.s. (2-Chiors-5-cyanopyridine), 6.1, III 10 Model Regulation*: UN3439, Minies, solid, toxic, n.o.s. (2-Chiors-5-cyanopyridine), 6.1, III 11 Regulatory information Staff, health and environmental regulations/legislation specific for the substance or mixture Read of iclograms Verson Grisol Grisol March Beglation*: March Staff Stafformones Grisol Grisol Chine Stafformones Grisol Chine Stafformones Grisol Chine Stafformones Grisol Chine Stafformones Grisol Chi		6.1 (T2) Toxic substances	
Label 6.1 Packing group III DOT, MidG, IAT III Special precautions for user Warning: Toxic substances Transport Multikaccording to Annex II of MARPOLT3778 and the IBC Code Not applicable. Transport Multikaccording to Annex II of MARPOLT3778 and the IBC Code Not applicable. OT Marine Pollutant (DOT): No UN "Model Regulation": UN3439, Nitriles, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine), 6.1, III 15 Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture GYS have legislation? GHS bol Signal word Danger Harden Stree product is classified and labeled in accordance with 28 CFR 1910 (OSHA HCS) Haard Economics Feregolicable GHS bol Signal word Danger Harden Stree product is classified and labeled in fiscordance with 28 CFR 1910 (OSHA HCS) Haard Economics Feregolicable GHS bol Signal word Danger Harden Stree product is classified and labeled in fiscordance. Haard Economics Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Fereproduct in state streadouter. <th>ĪMDĞ, IATA</th> <td>0.1</td>	ĪMDĞ, IATA	0.1	
Label 6.1 Packing group III DOT, MidG, IAT III Special precautions for user Warning: Toxic substances Transport Multikaccording to Annex II of MARPOLT3778 and the IBC Code Not applicable. Transport Multikaccording to Annex II of MARPOLT3778 and the IBC Code Not applicable. OT Marine Pollutant (DOT): No UN "Model Regulation": UN3439, Nitriles, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine), 6.1, III 15 Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture GYS have legislation? GHS bol Signal word Danger Harden Stree product is classified and labeled in accordance with 28 CFR 1910 (OSHA HCS) Haard Economics Feregolicable GHS bol Signal word Danger Harden Stree product is classified and labeled in fiscordance with 28 CFR 1910 (OSHA HCS) Haard Economics Feregolicable GHS bol Signal word Danger Harden Stree product is classified and labeled in fiscordance. Haard Economics Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Feregolicable Freedoutionary Statements Fereproduct in state streadouter. <th></th> <td></td>			
Environmental hazards: Not applicable. Special processions Warning: Took is substances Transport In bulk according to Annex II of MARPOLT3/T8 and the IBC Code Not applicable. Transport Additional information: Marine Folduant (DOT): No UN "Model Regulation": UN "States elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictotgrams VADO VADO GHSOB States elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictotgrams VADO VADO UN Case sam mission matrix Hazard pictotgrams VADO VADO Hazard pictotgrams VADO VADO			
Environmental hazards: Not applicable. Special processions Warning: Took is substances Transport In bulk according to Annex II of MARPOLT3/T8 and the IBC Code Not applicable. Transport Additional information: Marine Folduant (DOT): No UN "Model Regulation": UN "States elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictotgrams VADO VADO GHSOB States elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictotgrams VADO VADO UN Case sam mission matrix Hazard pictotgrams VADO VADO Hazard pictotgrams VADO VADO	Packing group DOT IMDG IATA	111	
Special procession Warning: Toxic substances Transport/Additional information: Transport/Additional information: Data No UN "Model Regulatory information No Safety, head in and environmental regulations/legislation specific for the substance or mixture Safety, head in and environmental regulations/legislation specific for the substance or mixture Safety, head in and environmental regulations/legislation specific for the substance or mixture Safety, head in a convertex of the substance or mixture Safety, head and environmental regulations/legislation specific for the substance or mixture Safety, head in a convertex on the substance or mixture Safety, head in and environmental regulations/legislation specific for the substance or mixture Safety, head in a convertex on the substance or mixture Safety, head in the product is classified and labeled in accordance with 25 CFR 1810 (OSFRA HCS) Safety, head in the substance or mixture Wear protective gives in finition. Transport in Addition. Safety, head in the substance or mixture or the substance or mixture or the substance on the substance or the substance or mixture or the substance or mixture or the substance or mixture or the substance or or the substance or the substance			
Transport in bulk according to Annex II of MARPOLT378 and the IBC Code Not applicable. Transport Additional Information: DOT Marine Pollutant (DOT): No UN "Model Regulation": UN3439, Nitriles, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine), 6.1. III 51 Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture GRS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Wile Wood GHS06 Signal word Dangor Hazard pictograms Wile Safety, health and environmental regulations/legislation scales between the second and scale and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Wile Signal word Dangor Hazard pictograms Wile Signal word Dangor Hazard pictograms Mild Signal word Dangor Hazard pictograms <			
DOT No Warder Pollutant (DOT): No UN "Model Regulation": UN3439, Nitriles, solid, toxic, n.o.s. (2-Chloro-S-cyanopyridine), 6.1, III 15 Regulatory information Safety, heading and solitopyridine), 6.1, III 56 New heading and solitopyridine), 6.1, III Windows and solitopyridine), 6.1, III 67 Stable elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Windows and the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms 67 Stable elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Windows and the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms 67 Stable elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Windows and the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms 67 Stable elements The undown of of inheld. High Charles Stable elements Hazard pictograms 78 Stable elements The undown of of inheld. High Charles Stable elements Hazard pictograms 78 Minor Classes skin inheld on the US Environmental regulation. High Charles Hazard pictograms 79 Minor Classes Stable elements Hazard pictograms High Charles Hazard pictograms 79 Minor Classes Stable elements Hazard pictograms High Charles Hazard pictograms	· · ·		
Maine Pollutant (DOT): No UN "Model Regulation": UN3439, Nitries, solid, toxic, n.o.s. (2-Chloro-5-cyanopyridine), 6.1, III 15 Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture Graduate and pictograms View Safety, health and environmental regulations/legislation specific for the substance or mixture Graduate and pictograms View Safety, health and environmental regulations/legislation specific for the substance or mixture Graduate and pictograms View Safety, health and environmental regulations/legislation specific for the substance or mixture Graduate and pictograms View Safety, health and environmental regulations/legislation specific for the substance or mixture Graduate and Safety Safety and Safety Safety and Safety Safety and Safety Safety and	Transport/Additional information:		
UN "Model Regulation": UN3439, Nitriles, solid. toxic, n.o.s. (2-Chloro-6-cyanopyridine), 6.1, III 15 Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture management of the substance or mixture for the subs		Ma	
Server and the second of the substance of mixture State y, health and environmental regulations/legislation specific for the substance or mixture State y, health and environmental regulations/legislation specific for the substance or mixture Mazard pictograms State y, health and environmental regulations/legislation specific for the substance or mixture State y, health and environmental regulations/legislation specific for the substance or mixture State y, health and environmental regulations/legislation accordance with 25 CFR 1910 (OSHA HCS) State y and the substance of the substance of the substance or mixture Mazard statements Hour contact with shift Hour contact with shift Hour contact with shift Hour contact with shift Hours of the substance or mixture Mazard statements Hours of the substance or mixture Mazard statements Hours of the substance or mixture Hoursof the substance or mixture Hours of the substance or mixture			
Suffey, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Wield Construction of the constru	on model Regulation .		
 16 Other information Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms: RiD: Réglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Civil Aviation Organization" (IATA) ICAO: International Civil Aviation Organization CAO: International Civil Aviation Organization CIAO: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) MDG: International Maritime Code for Dangerous Goods By Road, MDG: International Association (IACA) International Maritime Code for Dangerous Goods By Roads DOT: US Department of Transport Association (IATA) IATA-DGR Association (IATA) IATA-DGR Abstractional Civil Aviation Organization (IACA) International Maritime Code for Dangerous Goods By Roads DOT: US Department of Transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) DOT: US Department of Transport Association (IATA) [IATA-International Maritime Code for Dangerous Goods [IATA-Internation	Hazard statements H302+H302 Harmitul if swallowed or if inhaled. H311 Toxic in contact with skin. H315 Causes skin irritation. H316 Causes serious eye irritation. H317 Causes serious eye irritation. H318 Causes serious eye irritation. H326 Precautionary statements P280 Wear protective gloves / protective clothing. P305+P351+P381 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P309 IF exposed or if you feel univell: P310 Immediately call a POISON CENTER/doctor/ National regulations This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricte to research and development only. This product must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This product must not be used for commercial purposes or in formulations for commercial purposes. SARA Section 313 (specific toxic chemical listings) Substance is not listed. Prop 65 - Developmental toxicity substance is not listed. Prop 65 - Developmental toxicity substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Sub		
Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms: RID: Reglement international concerning the transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (ICAO) CAO: International Civil Aviation Organization (ICAO): Technical Instructions by the "International Civil Aviation Organization" (ICAO) ADR: Accord européens use transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) MDG: International Maritime Code for Dangerous Goods DOT: US Department of Transport dassociation (IAT): International Maritime Code for Dangerous Goods DOT: US Department of Association			
IATA: International Air Transport Association (Contd. on pag	Employers should use this information only as a supplement to other in information to ensure proper use and protect the health and safety of e. conformance with this Material Safety Data Sheet, or in combination wi Department issuing SDS : Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms : RID: Reglement international concernant le transport des marchandises dangereuses par chei IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IA ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) ADR: Accord européen sur le transport des marchandises dangereuses par Route (European IMDG: International Maritime Code for Dangerous Goods	mployees." This information is furnished without warranty, and any use of the product not in ith any other product or process, is the responsibility of the user.	
	IATA: International Air Transport Association	(Contd. on page 5 USA –	

Product name: 2-Chloro-5-cyanopyridine

CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent UPUS: Lethal dose, 50 percent VPUS: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

(Contd. of page 4)

USA