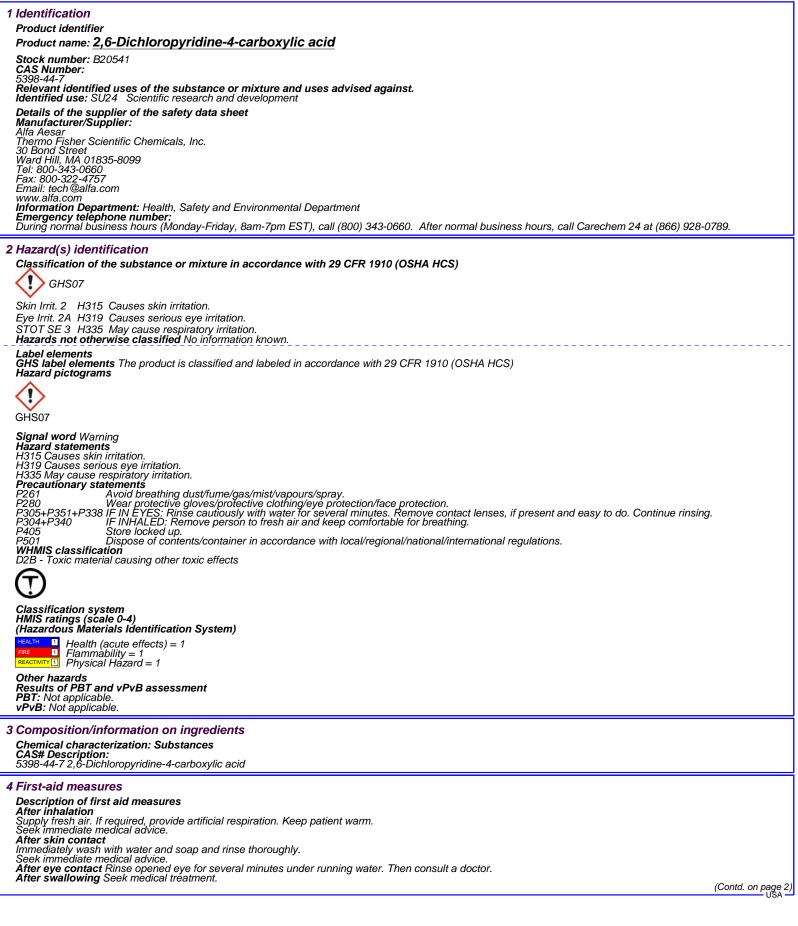


Safety Data Sheet per OSHA HazCom 2012



## Product name: 2,6-Dichloropyridine-4-carboxylic acid

(Contd. of page 1)

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 Nitrogen oxides (NOx) Hydrogen chloride (HCI) Advice for firefighters Protective equipment: Wear self-contained respirator. 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 product to reach sewage system or any water course. Methods and material for containment and cleaning up: 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 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 Exposure controls Personal protective equipment General protective 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. Avoid contact with the aves and exin. 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 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. **Penetration time of glove material (in minutes)** Not determined **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 to pale yellow Odor: Not determined Odor threshold: Not determined Not applicable. pH-value: Change in condition Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: 208 °C (406 °F) (dec) Not determined Not determined Not determined. Not determined Not determined

(Contd. on page 3)

## Product name: 2.6-Dichloropyridine-4-carboxylic acid

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		viewed on 06/06/2013
Product name: 2,6-Dichloropyridine-	-4-carboxylic acid	
		(Contd. of page 2)
Auto igniting:	Not determined.	
Danger of explosion: Explosion limits:	Not determined.	
Lower:	Not determined	
Upper: Vapor pressure:	Not determined Not applicable.	
Density: Relative density	Not determined Not determined	
Vapor density	Not applicable.	
Evaporation rate Solubility in / Miscibility with	Not applicable.	
Water: Partition coefficient (n-octanol/water):	Not determined	
Viscosity:		
dynamic: kinematic:	Not applicable. Not applicable.	
Other information	No further relevant information available.	
10 Stability and reactivity		
Reactivity No information known		
Chemical stability Stable under recomr Thermal decomposition / conditions t	mended storage conditions. <b>to be avoided:</b> Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions Re Conditions to avoid No further relevant	Pacts with strong oxidizing adents	
Incompatible materials: Oxidizing agen	t information available. nts	
Hazardous decomposition products: Carbon monoxide and carbon dioxide		
Nitrogen oxides		
Hydrogen chloride (HCI)		
11 Toxicological information		
Information on toxicological effects Acute toxicity: No effects known.		
LD/LC50 values that are relevant for c		
Skin irritation or corrosion: Causes sk Eye irritation or corrosion: Causes se	rious eye irritation.	
Sensitization: No sensitizing effects kno	own.	
	on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects know	vn.	
Specific target organ system toxicity	<ul> <li>repeated exposure: No effects known.</li> <li>single exposure: May cause respiratory irritation.</li> </ul>	
Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect		
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 info Persistence and degradability No furth	her relevant information available.	
Bioaccumulative potential No further re	relevant information available.	
Mobility in soil No further relevant inform Additional ecological information:	mation available.	
General notes:	the contract water water or course or course	
Avoid transfer into the environment.	quantities to reach ground water, water course or sewage system.	1
Results of PBT and vPvB assessment PBT: Not applicable.	t	
vPvB: Not applicable. Other adverse effects No further releva		I
	Int Information available.	
13 Disposal considerations		
Waste treatment methods Recommendation Consult state, local o	or national regulations to ensure proper disposal.	
Uncleaned packagings:		
Recommendation: Disposal must be m	ade according to official regulations.	
14 Transport information		
UN-Number DOT, ADN, IMDG, IATA	Not applicable	
UN proper shipping name DOT, ADN, IMDG, IATA	Not applicable	
Transport hazard class(es)		
DOT, ADR, ADN, IMDG, IATA	Natassiisahla	
Class Packing group	Not applicable	
Packing group DOT, IMDG, IATA	Not applicable	
Environmental hazards: Special precautions for user	Not applicable. Not applicable.	
Special precautions for user Transport in bulk according to Annex	Not applicable. ( II of MARPOL73/78 and the IBC Code Not applicable.	
		(Contd. on page 4)
		———— USA —

oduct name: 2,6-Dichloropyridine-4-carb	ooxylic acid
	(Contd. of page
Transport/Additional information:	
DOT Marine Pollutant (DOT):	No
UN "Model Regulation":	-
Regulatory information Safety, health and environmental regulations/ GHS label elements The product is classified ar Hazard pictograms	/legislation specific for the substance or mixture nd labeled in accordance with 29 CFR 1910 (OSHA HCS)
GHS07	
P305+P351+P338 IF IN EYES: Rinse cautiously         P304+P340       IF INHALED: Remove person         P405       Store locked up.         P501       Dispose of contents/container         National regulations       This product is not listed in the U.S. Environment         to research and development only. This product is not listed on the Canadian Domes         SARA Section 313 (specific toxic chemical lis         California Proposition 65         Prop 65 - Developmental toxicity, substance is         Prop 65 - Developmental toxicity, male Substa         Information about limitations and prohibitive         Substance of Very High Concern (SVHC) accord         Che conditions of restrictions according to An         market and use must be observed.         Substance is not listed.	ctive clothing/eyé protection/face protection. with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. n to fresh air and keep comfortable for breathing. r in accordance with local/regional/national/international regulations. tal Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restrict must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This is or in formulations for commercial purposes. stic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). sti <b>fngs)</b> Substance is not listed. Substance is not listed. stated. stated. stated. stated. stated. stated. into listed. not listed. regulations ording to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. rticle 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on ting Authorisation for use) Substance is not listed.
Conter information Employers should use this information only as a information to ensure proper use and protect the conformance with this Material Safety Data Shee	supplement to other information gathered by them, and should make independent judgement of suitability of this health and safety of employees. This information is furnished without warranty, and any use of the product not i et, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Dep Date of preparation / last revision 11/23/2015 / Abbreviations and acronyms:	partment /- ereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) mical Society) anada)