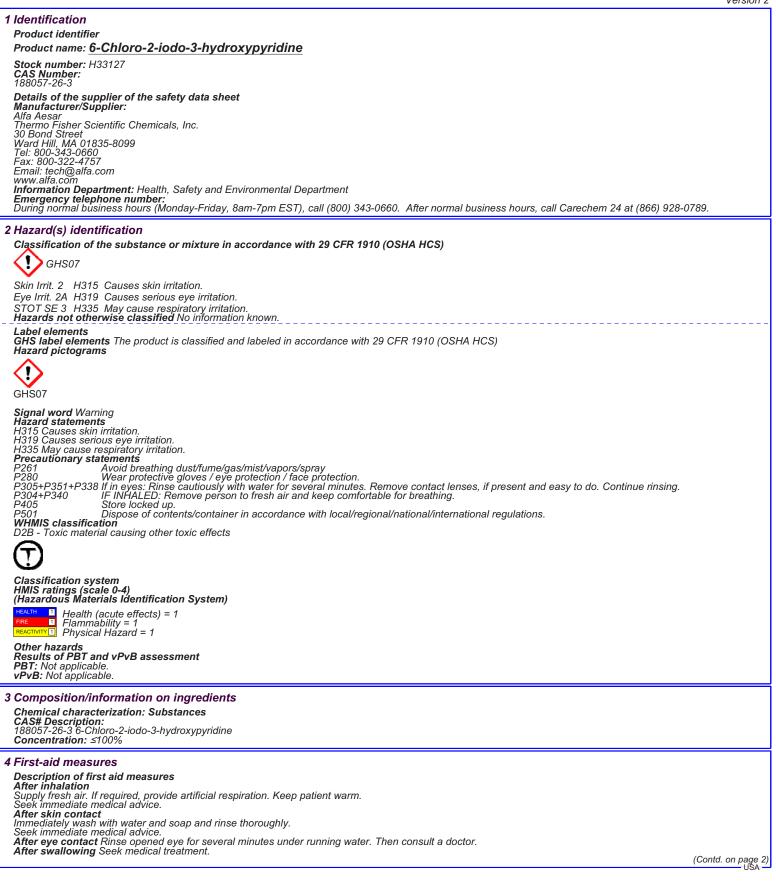




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Product name: 6-Chloro-2-iodo-3-hydroxypyridine

(Contd. of page 1) Information for doctor Most important symptoms and effects, both acute and delayed Causes skin irritation. Causes serious eye irritation. Indication of any immediate medical attention and special treatment needed No further relevant information available. 5 Fire-fighting measures Extinguishing media 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 iodide (HI) 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 material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up: Ensure adequate ventilation. 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 of personal Protective Action Criteria for Chemicals PAC-1: Substance is not listed. PAC-3: Substance is not listed. 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 in the dark. Store away from oxidizing agents. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Protect from exposure to light. 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 eves and skin

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. Recommended filter device for short term use: Use a respirator with type N95 (USA) or PE (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying respirators are appropriate. Only use equipment tested and approved under appropriate government standards. Protection of hands: Impervious gloves Check protective gloves prior to each use for their proper condition.

Impervious gioves 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 with side shields / NIOSH (US) or EN 166(EU) **Body protection:** Protective work clothing.

(Contd. on page 3)

Safety Data Sheet

(Contd. of page 2)

		(Contd. of page 2)
9 Physical and chemical propertie	s	
Information on basic physical and cl General Information Appearance:		
Form: Odor: Odor threshold:	Solid Not determined Not determined.	
pH-value:	Not applicable.	
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	191-193 °C (376-379 °F) Not determined Not determined Not determined Not determined Not determined Not determined Not determined.	
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density: Relative density Vapor density	Product does not present an explosion hazard. Not determined Not determined Not applicable. Not determined Not determined. Not deplicable.	
Evaporation rate Solubility in / Miscibility with Water: Partition coefficient (n-octanol/water Viscosity: dynamic:	Not applicable. Not determined r): Not determined. Not applicable.	
kinematic: Other information	Not applicable. No further relevant information available.	
Possibility of hazardous reactions R Conditions to avoid No further relevant Incompatible materials: Oxidizing agents Light Hazardous decomposition products. Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen chloride (HCI) Hydrogen iodide (HI)	nt information available.	
Reproductive toxicity: No effects kno Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effe	skin and mucous membranes. effect. nown. aown. a on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. wn. / - repeated exposure: No effects known. / - single exposure: May cause respiratory irritation.	
12 Ecological information		
Toxicity Aquatic toxicity: No further relevant ir Persistence and degradability No fur Bioaccumulative potential No further Mobility in soil No further relevant info Additional ecological information: General notes: Do not allow material to be released to	ormation available. the environment without proper governmental permits. quantities to reach ground water, water course or sewage system. nt	
13 Disposal considerations Waste treatment methods Recommendation Consult state, local Uncleaned packagings: Recommendation: Disposal must be l	or national regulations to ensure proper disposal. made according to official regulations.	

Product name: 6-Chloro-2-iodo-3-hydroxypyridine

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14 Transport information	
UN-Number DOT, ADN, IMDG, IATA	Not applicable
UN proper shipping name DOT, ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es)	
DOT, ADR, ADN, IMDG, IATA Class	Not applicable
Packing group DOT, ADR, IMDG, IATA	Not applicable
Environmental hazards: Marine pollutant (IMDG):	No
Special precautions for user	No Applicable.
Transport in bulk according to Annex II of MARPOL73/78	
Transport/Additional information: DOT	
Marine Pollutant (DOT):	No
UN "Model Regulation":	Not applicable
 P405 Store locked up. P501 Dispose of contents/container in accordan National regulations This product is not listed in the U.S. Environmental Protectior to research and development only. This product must be used for commercial purposes or in form This product is not listed on the Canadian Domestic Substance SARA Section 313 (specific toxic chemical listings) Subst California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the The conditions of restrictions according to Article 67 and market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Authoris Chemical safety assessment: A Chemical Safety Assessment) 	prs/spray face protection. r several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. r and keep comfortable for breathing. ance with local/regional/national/international regulations. on Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted ed by or directly under the supervision of a technically qualified individual as defined by TSCA. This mulations for commercial purposes. nees List (DSL) or the Canadian Non-Domestic Substances List (NDSL). stance is not listed. isted. isted. isted. isted. istel.
conformance with this Safety Data Sheet, or in combination w	t to other information gathered by them, and should make independent judgement of suitability of this safety of employees. This information is furnished without warranty, and any use of the product not in with any other product or process, is the responsibility of the user. d version number are in the header of each page. reuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ssociation" (IATA) "(ICAO) ute (European Agreement concerning the International Carriage of Dangerous Goods by Road) USA –