

Safety Data Sheet per OSHA HazCom 2012

1	Identification
	Product identifier Product name: Ethyl (6-chloroimidazo[1,2-a]pyrid-2-yl)acetate
	Stock number: H35082
	CAS Number: 59128-02-8
	Relevant identified uses of the substance or mixture and uses advised against. Identified use: SU24 Scientific research and development
	Details of the supplier of the safety data sheet Manufacturer/Supplier:
	Alfa Aesar
	Thermo Fisher Scientific Chemicals, Inc. 30 Bond Street Ward Hill, MA 01835-8099
	Tel: 800-343-0660 Fax: 800-322-4757
	Email: tech@alfa.com www.alfa.com
	Information Department: Health, Safety and Environmental Department Emergency telephone number:
	During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789.
2	Plazard(s) identification
	Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)
	GHS07
	Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2A H319 Causes serious eye irritation.
	STOT SE 3 H335 May cause respiratory irritation. Hazards not otherwise classified No information known.
	Label elements
	GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms
	\land
	GHS07
	Signal word Warning
	Hazard statements H315 Causes skin irritation.
	H319 Causes serious eye irritation. H335 May cause respiratory irritation.
	Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
	Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P405 Store locked up.
	P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification DOD
	D2B - Toxic material causing other toxic effects
	\bigcirc
	Classification system HMIS ratings (scale 0-4)
	(Hazardous Materials Identification System)
	HEALTH I Health (acute effects) = 1 FIRE I Flammability = 1
	Reactivity I Physical Házard = 1 Other hazards Image: Comparison of the second sec
	Results of PBT and vPvB assessment PBT: Not applicable.
	vPvB: Not applicable.
3	Composition/information on ingredients
	Chemical characterization: Substances CAS# Description:
	59128-02-8 Ethyl (6-chloroimidazo[1,2-a]pyrid-2-yl)acetate
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 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.
	(Contd. on page 2) USA

Product name: Ethyl (6-chloroimidazo[1,2-a]pyrid-2-yl)acetate

(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: Solid Color: Brown Not determined Odor: 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: 56-59 °C (133-138 °F) Not determined Not determined Not determined. Not determined Not determined

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Specific target organ system toxicity - repeated exposure: No effects known. Aspiration hazard: No effects known. Aspiration hazard: No effects known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. Additional toxicological information available. Persistence and degradability No further relevant information available. Bioaccumulative potential information available. Biopocable. WyeB: Not applicable. WyeB: Not applicable. Disposal considerations Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. Transport information WN-Number, DOT, ADN, IMDG, IATA Not applicable Transport hazard class(es) DOT, ADN, IMDG, IATA Cass DOT, ADN, IMDG, IATA Exercised for user Not applicable Environmental hazards: Special precautions for user Not applicable. Environmental hazards: Not applicable. Environmental hazards: Not applicable. Environmental hazards: Not applicable. Environmental hazards: Not applicable. Environmental hazards: Not applicable. Environmental	Carcinogenicity: No classification dat	ita on carcinogenic properties of this material is available from the EPA, IARC, NTP, USHA or ACGIH.	
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Product name: Ethyl (6-chloroimidazo[1,2-a]pyrid-2-yl)acetate			
	(Contd. of page		
Transport/Additional information:			
DOT Marine Pollutant (DOT):	No		
UN "Model Regulation":	-		
5 Regulatory information	n en a se		
	s/legislation specific for the substance or mixture and labeled in accordance with 29 CFR 1910 (OSHA HCS)		
\Diamond			
GHS07			
Signal word Warning			
Hazard statements H315 Causes skin irritation.			
H319 Causes serious eye irritation.			
H335 May cause respiratory irritation. Precautionary statements			
P261 Avoid breathing dust/fume/ga P280 Wear protective gloves/prote	gas/mist/vapours/spray. ective clothing/eye protection/face protection.		
P305+P351+P338 IF IN EYES: Rinse cautious	by with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In to fresh air and keep comfortable for breathing.		
P405 Store locked up			
P501 Dispose of contents/containe National regulations	er in accordance with local/regional/national/international regulations.		
This product is not listed in the U.S. Environmer	ntal Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restric		
product must not be used for commercial purpos	t must be used by or directly under the supervision of a technically qualified individúal as defined by TSCA. This oses or in formulations for commercial purposes.		
This product is not listed on the Canadian Dome SARA Section 313 (specific toxic chemical list	estic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).		
California Proposition 65			
Prop 65 - Chemicals known to cause cancer Prop 65 - Developmental toxicity Substance is	is not listed		
Prop 65 - Developmental toxicity, female Sub Prop 65 - Developmental toxicity, male Subst	bstance is not listed.		
Information about limitation of use: For use of	only by technically qualified individuals.		
Other regulations, limitations and prohibitive Substance of Very High Concern (SVHC) acc	re regulations contractions (EC) No. 1907/2006. Substance is not listed.		
The conditions of restrictions according to A	Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on		
market and use must be observed. Substance is not listed.			
	iring Authorisation for use) Substance is not listed.		
Chemical salety assessment. A Chemical Sal			
6 Other information Employers should use this information only as a	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 conformance with this Material Safety Data She	he health and safety of employees." This information is furnished without warranty, and any use of the product not eet, or in combination with any other product or process, is the responsibility of the user.		
Department issuing SDS: Global Marketing De Date of preparation / last revision 11/24/2015	epartment 5 / -		
Abbreviations and acronyms:	ingrauses per Route (Furnhean Arreement concerning the International Carriage of Dangerous Goods by Road)		
ADT: US Department of Transportations of the International and CAS: Chemical Abstracts Service (division of the American Che HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (C LCS0: Lethal concentration, 50 percent	emical Society)		
HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System ((Canada)		
LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent			
LD50: Lethal dose, 50 percent VPUB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygie OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) URC: Intermetinged Agragative December of Concer-	ienists (USA)		
OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA)			
IARC: International Agency for Research on Cancer			

IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)