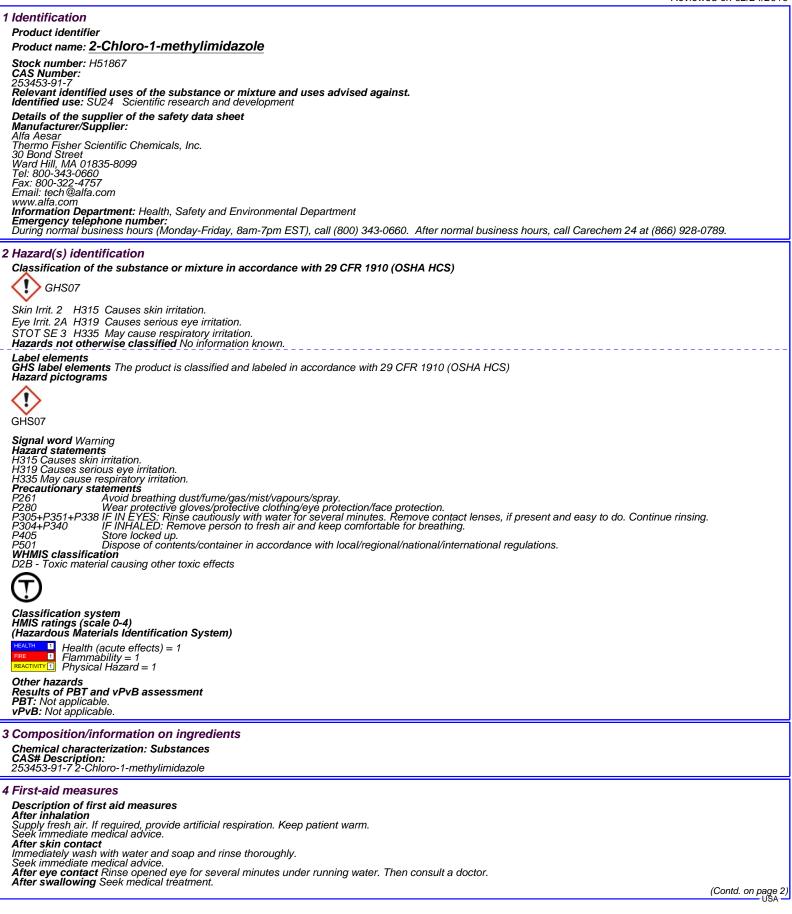


Safety Data Sheet per OSHA HazCom 2012



Product name: 2-Chloro-1-methylim	idazole	
		(Contd. of page 1)
Information for doctor Most important symptoms and effects Indication of any immediate medical a	s, both acute and delayed No further relevant information available. attention and special treatment needed No further relevant information available.	(
5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbon Special hazards arising from the subs If this product is involved in a fire, the for Carbon monoxide and carbon dioxide Nitrogen oxides (NOX) Hydrogen chloride (HCI) Possibly Hydrogen cyanide (HCN) Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.	dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. stance or mixture llowing can be released:	
Methods and material for containmen	tected persons away. low material to be released to the environment without proper governmental permits. t and cleaning up: d, diatomite, acid binders, universal binders, sawdust). special measures required. andling al protection equipment.	
Conditions for safe storage, including Storage Requirements to be met by storeroon	explosions and fires: No information known. g any incompatibilities ns and receptacles: No special requirements. Inmon storage facility: Store away from oxidizing agents. Inditions: ed containers.	
8 Exposure controls/personal prote Additional information about design of Properly operating chemical fume hood Control parameters Components with limit values that rec	ection	
Additional information: No data 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 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. 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 che General Information Appearance: Form:	emical properties	
Color: Odor:	Brown Not determined	
Odor threshold: pH-value:	Not determined. Not determined.	
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous)	Not determined Not determined Not determined Not determined.	(Contd. on page 3) USA
		USA

Product name: 2-Chloro-1-methylimidazole

Product name: 2-Chloro-1-methylimi	dazole	
		(Contd. of page 2)
Ignition temperature: Decomposition temperature: Auto igniting:	Not determined Not determined Not determined.	
Danger of explosion: 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: Other information	Product does not present an explosion hazard. Not determined Not determined Not determined Not determined. Not determined. Not determined. Not determined. Not determined.	
Reactivity No information known. Chemical stability Stable under recomm Thermal decomposition / conditions to Possibility of hazardous reactions No Conditions to avoid No further relevant Incompatible materials: Oxidizing agen Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen chloride (HCI) Possibly Hydrogen cyanide (HCN)	o be avoided: Decomposition will not occur it used and stored according to specifications. dangerous reactions known information available.	
Reproductive foxicity: No effects known Specific target organ system toxicity - Specific target organ system toxicity - Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect:	in irritation. ious eye irritation. own. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. n. - repeated exposure: No effects known. - single exposure: May cause respiratory irritation.	
12 Ecological information Toxicity Aquatic toxicity: No further relevant infor Persistence and degradability No furthe Bioaccumulative potential No further re Mobility in soil No further relevant inform Additional ecological information: General notes: Do not allow material to be released to th Do not allow undiluted product or large quarts Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant	er relevant information available. elevant information available. mation available. he environment without proper governmental permits. uantities to reach ground water, water course or sewage system.	
13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be ma	r national regulations to ensure proper disposal. ade according to official regulations.	
14 Transport information Not a hazardous material for transportation	on.	
UN-Number DOT, IMDG, IATA UN proper shipping name	None	
DOT, IMDG, IATA Transport hazard class(es)	None	
DOT, ADR, IMDG, IATA Class	None	
Packing group DOT, IMDG, IATA Environmental hazards:	None Not applicable.	
	τοι αρριοανίο.	(Contd. on page 4

