



1 Identification Product identifier Product name: 3-Hydroxy-5-methylisoxazole Stock number: 44450 CAS Number: 10004-44-1 EC number: [,]33-000-6 Index number: 613-115-00-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 Su Bong 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 Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) EZ GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage. 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 GHS05 Signal word Danger Hazard statements H318 Causes serious eye damage. Precautionary stateménts 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. P310 Immediately call a POISON CENTER/doctor/... WHMIS classification D2B - Toxic material causing other toxic effects Т Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) 2 Health (acute effects) = 2Flammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CAS# Description: 10004-44-1 3-Hydroxy-5-methylisoxazole Identification number(s): EC number: 233-000-6 Index number: 613-115-00-1 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 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)

		viewed on 01/05/2015
Product name: 3-Hydroxy-5-methyl	lisoxazole	
Information for doctor		(Contd. of page 1)
Most important symptoms and effect	cts, both acute and delayed No further relevant information available. I attention and special treatment needed No further relevant information available.	
5 Fire-fighting measures Extinguishing media	on dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foa bstance or mixture	ım.
Wear protective equipment. Keep unpr Ensure adequate ventilation Environmental precautions: Do not a	allow product to reach sewage system or any water course. and cleaning up: Dispose of contaminated material as waste according to section 13. Io special measures required. handling onal protection equipment.	
Conditions for safe storage, includir Storage Requirements to be met by storeroo	ice. st explosions and fires: No information known. ng any incompatibilities oms and receptacles: No special requirements. ommon storage facility: Store away from oxidizing agents. conditions: aled containers.	
Control parameters Components with limit values that re	n of technical systems: d designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Remove all solied and contaminated cl Wash hands before breaks and at the Avoid contact with the eyes. Maintain an ergonomically appropriate Breathing equipment: Use suitable re Recommended filter device for shor Use a respirator with type P100 (USA) purifying respirators are appropriate.	: handling chemicals should be followed. s and feed. lothing immediately. end of work. e working environment. espirator when high concentrations are present.	o determine if air-
Protection of hands: Impervious gloves Check protective gloves prior to each L The selection of suitable gloves not on Material of gloves Nitrile rubber, NBR Penetration time of glove material (in Glove thickness 0.11 mm Eye protection: Tightly sealed goggle. Body protection: Protective work clot	use for their proper condition. Ily depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. In minutes) 480	
	-	
9 Physical and chemical propertie Information on basic physical and c		
General Information	Dourdor	
'Form: Odor: Odor throshold:	Powder Not determined Not determined	
Odor threshold: pH-value:	Not determined. Not applicable.	
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined Not determined Not determined	

Product 2-Hydroxy-5-mothylisoxazolo

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		(Contd. of pag
Flammability (solid, gaseous)	Not determined.	(Ooma. or pag
Ignition temperature: Decomposition temperature:	Not determined Not determined	
Auto igniting:	Not determined.	
Danger of explosion:	Not determined.	
Explosion limits: Lower:	Not determined	
Upper: Vapor pressure:	Not determined Not applicable.	
Density:	Not determined	
Relative density Vapor density	Not determined. Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with Water:	Soluble	
Partition coefficient (n-octanol/wate		
Viscosity: dynamic:	Not applicable.	
kinematic: Other information	Not applicable. No further relevant information available.	
Stability and reactivity		
Reactivity No information known.		
Chemical stability Stable under reco	ommended storage conditions.	
Possibility of hazardous reactions		
Conditions to avoid No further relevent Incompatible materials: Oxidizing as	vant information available.	
Hazardous decomposition product	ίs:	
Carbon monoxide and carbon dioxide Nitrogen oxides		
<u> </u>		
Toxicological information		
Information on toxicological effects Acute toxicity:	'S	
Harmful if swållowed.		
	mical Substances (RTECS) contains acute toxicity data for this substance.	
LD/LC50 values that are relevant fo	or classification:	
0r21105013112 ma/ka (rat)		
Oral LD50 3112 mg/kg (rat) Skin irritation or corrosion: May car	nuse irritation	
Skin irritation or corrosion: May ca Eye irritation or corrosion: Causes	s serious eye damage.	
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Product name: 3-Hydroxy-5-methylisoxazole				
	(Contd. of page 3)			
Transport hazard class(es)				
DOT, ADR, ADN, IMDG, IATA				
Class	Not applicable			
Packing group DOT, IMDG, IATA	Not applicable			
Environmental hazards:	Not applicable.			
Special precautions for user	Not applicable.			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.				
Transport/Additional information:				
DOT				
Marine Pollutant (DOT):	No			
UN "Model Regulation":	-			
I5 Regulatory information Safety, health and environmental regulations/legislatior GHS label elements The product is classified and labeled i Hazard pictograms	n specific for the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)			
P310 Immediately call a POISON CENTER/dc National regulations This product is not listed in the U.S. Environmental Protectiv to research and development only. This product must be us product must not be used for commercial purposes or in for This product is not listed on the Canadian Domestic Substa SARA Section 313 (specific toxic chemical listings) Sub California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not Information about limitation of use: For use only by techn Other regulations, limitations and prohibitive regulation Substance of Very High Concern (SVHC) according to the The conditions of restrictions according to Article 67 ar market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Author Chemical safety assessment: A Chemical Safety Assessr 16 Other information	r for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. boctor/ ion Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted sed by or directly under the supervision of a technically qualified individual as defined by TSCA. This mulations for commercial purposes. ances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). stance is not listed. is not listed. listed. listed. listed. nically qualified individuals. 15 the REACH Regulations (EC) No. 1907/2006. Substance is not listed. nd Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the risation for use) Substance is not listed. ment has not been carried out.			
Employers should use this information only as a supplement information to ensure proper use and protect the health and conformance with this Material Safety Data Sheet, or in con Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / -	nt to other information gathered by them, and should make independent judgement of suitability of this d safety of employees. This information is furnished without warranty, and any use of the product not in mbination with any other product or process, is the responsibility of the user.			

vPvB: 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)