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Version 1
1 Identification
Product identifier
Product name: <u>6-Methyluracil</u>
Stock number: B24191, L01931 CAS Number: 626-48-2
EC number:
210-949-4 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:
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.
During normal business nours (normay-rinday, barr rpm EST), car (000) 343-0000. Alter normal business nours, can carection 24 at (000) 320 37 30.
2 Hazard(s) identification
Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)
GHS08 Health hazard
Penr. 2. H261. Sugnected of demoning fertility or the unhorn child
Repr. 2 H361 Suspected of damaging fertility or the unborn child. 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
GHS08
Signal word Warning
Hazard statements H361 Suspected of damaging fertility or the unborn child.
Precautionary statements P201 Obtain special instructions before use.
P280 Wear protective gloves/protective clothing/eve protection/face protection.
P202 Do not handle until all s'afety precautions have been read and understood. P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
WHMIS classification
D2A - Very toxic material causing other toxic effects
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Classification system HMIS ratings (scale 0-4)
(Hazardou's Materials Identification System)
HEALTH 1 Health (acute effects) = 1
HEALTH I Health (acute effects) = 1 FIRE I Flammability = 1 REACTIVITY I 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:
626-48-2 6-Methyluracil
Concentration: <100% Identification number(s):
EC number: 210-949-4 '
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. (Contd. on page 2)
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E-charge labeling media Subside extra general extra set of the se					
E-charge labeling media Subside extra general extra set of the se	Information for doctor Most important symptoms and effects	s, both acute and delayed Suspected of damaging fertility or the unborn child.	(Contd. of page 1)		
Personal proceedings equipment. New purpose in product to mach sewage system or any water course. Wethods and metailaftor containment and classing up: Digoso of containmaked metailal as waste according to section 13. Provention of secondary that rds: No special measures required. See Section 7. In information on season service. See Section 7. In information on personal protection equipment. Protective Action Charta ator Charta ator Protective Action Charta ator State in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty place in righty closed containers. Stroke in col, atty plac	Suitable extinguishing agents Carbon Special hazards arising from the subs If this product is involved in a fire, the fol Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Advice for firefighters Protective equipment: Wear self-contained respirator.	dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. stance or mixture lowing can be released:			
Handling Keep container tryfnly sealed Store in codi, ty place in typin constants. Store in codi, typica in typin constants. Information about protection against explosions and fires: No information known. Conditions for safe storage, including any incompatibilities Storage Conditions for safe storage, including any incompatibilities Storage Storage in constants. Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Prefere ontainer tiphity sealed Store in cool, dry conditions: newll sealed containers. Specifie and used(s) No turbit relevant information available. It Exposure controls/personal protection Additional information about design of technical systems: Properly operating chemical time hood designed for finazardous 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: Components with limit values that require monitoring at the workplace. Additional information No data Personal protective and typic measures The usual precautionary infeasures for handling chemicals should be followed. Keep away from foodstaffs, being environment. Breating equipment: Use suitable respirator when dig concentrations are present. Wash hands before breaks and at the end of work. Maintain an ergonomical y appropriet workplace as a backup to engineering controls. Risk assessment should be performed to determine if air- puring respirators are approprinet work cohing. The suitable grouported wor	Ensure adequate ventilation Environmental precautions: Do not all Methods and material for containmen Prevention of secondary hazards: No Reference to other sections See Section 7 for information on safe ha See Section 8 for information on persona See Section 13 for disposal information. Protective Action Criteria for Chemica PAC-1: Substance is not listed. PAC-2: Substance is not listed.	ow product to reach sewage system or any water course. t and cleaning up: Dispose of contaminated material as waste according to section 13. special measures required. ndling al protection equipment.			
Additional information about design of technical systems: Properly operating chemical lume 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 General protective equipment General protective equipment Remove all solied and contaminated clothing immediately. Wash hands before breaks and at the end 0 work. Methian an ergonomically appropriate working onivonment. Methian an ergonomically appropriate working on workment. Methan are opponental: Only use equipment end 0 work. Recommended filter device for short term use: Use a respirator with type P100 (USA) or P3 [EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying repriseriators are appropriate. Protection: on the appropriate. Only use equipment end approved under appropriate government. Protection of hands: Impervious gloves Check protection: State gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. Eye p	Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed of Ensure good ventilation at the workplace Information about protection against Conditions for safe storage, including Storage Requirements to be met by storeroom Information about storage in one com Further information about storage con Keep container tightly sealed.	explosions and fires: No information known. a any incompatibilities as and receptacles: No special requirements. amon storage facility: Store away from oxidizing agents. nditions:			
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: Additional information: No data Exposure controls Personal protective equipment General protective equipment General protective equipment General protective and hygienic measures The usual protective and hygienic measures Remove all solide and contain any relevation quantities of materials with critical values that have to be monitored at the workplace. Keep away from foodsfuffs, beverages and feed. Remove all solide and contaminated clothing immediately. Wash hands before breaks and at the end of work. Bea away from foodsfuffs, beverages and the end of wo	8 Exposure controls/personal prote	ection			
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General Information Powder Appearance: Form: Form: Powder Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable. Change in condition 317-320 °C (603-608 °F)	9 Physical and chemical properties				
Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable. Change in condition Melting point/Melting range: 317-320 °C (603-608 °F)	General Information Appearance:				
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Product name: 6-Methyluracil

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(Contd. on page 4)	DOT, ADR, ADN, IMDG, IATA					
		(Contd. on page 4)				

Safety Data Sheet acc. to OSHA HCS

Product name: 6-Methyluracil

		(Contd. of page 3)		
Transport hazard class(es)				
DOT, ADR, ADN, IMDG, IATA Class	Not applicable			
Packing group DOT, ADR, 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":	Not applicable			

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms



 Signal word Warning

 Hazard statements

 H361 Suspected of damaging fertility or the unborn child.

 Precautionary statements

 P201
 Obtain special instructions before use.

 P280
 Wear protective gloves/protective clothing/eye protection/face protection.

 P202
 Do not handle until all safety precautions have been read and understood.

 P308+P313 IF exposed or concerned: Get medical advice/attention.

 P405
 Store locked un

P405 P501

Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations. National regulations All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory. All components of this product are listed on the Canadian Non-Domestic Substances List (NDSL). SARA Section 313 (specific toxic chemical listings) Substance is not listed. California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed. 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. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitations of use: For use only by technically qualified individuals. Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed. Substance is not listed

Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Employers should use this information only as 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 health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user."
Department issuing SDS: Global Marketing Department
Date of preparation/Revision: Print date, revision date and version number are in the header of each page.
Abbreviations and accomyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods
DOT: US Department of Transportation
IATA: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ENECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
HMIS: Hoardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
VPWE: very Persistent, Bioaccumulative
ACGIH: American Conference of Governmental Industrial Hygienists (USA)
OSHA: Occupational Safety and Haeth Administration (USA)
NTP: National Toxicology Program (USA)
Repr. 2: Reproductive toxicity – Category 2

USA