

Safety Data Sheet per OSHA HazCom 2012

Reviewed on 10/12/20	09
1 Identification	٦
Product identifier	
Product name: <u>1,2-Benzisoxazol-3(2H)-one</u>	
Stock number: H50899 CAS Number: 21725-69-9	
<i>Relevant identified uses of the substance or mixture and uses advised against.</i> <i>Identified use:</i> 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 Hazard(s) identification	4
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	
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.	
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.	
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	
D2B - Toxic material causing other toxic effects	
(T)	
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)	
HEALTH I Health (acute effects) = 1	
FIRE Image: Flammability = 1 Image: reactivity 1 Physical Hazard = 1	
Other hazards Results of PBT and vPvB assessment	
PBT: Not applicable.	
3 Composition/information on ingredients	4
Chemical characterization: Substances	
CAS# Description: 21725-69-9 1,2-Benzisoxazol-3(2H)-one	
4 First-aid measures	7
Description of first aid measures	
After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm.	
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 swallowing Seek medical treatment.	
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Product name: 1,2-Benzisoxazol-3(2	2H)-one			
		(Contd. of page 1)		
Information for doctor Most important symptoms and effects	ts, both acute and delayed No further relevant information available.			
Indication of any immediate medical a	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) 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. 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 prote	ection			
Additional information about design of				
Control parameters Components with limit values that require monitoring at the workplace: Not required. Additional information: No data				
Additional minoritation: 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	s			
Information on basic physical and che General Information Appearance: Form: Color:	nemical properties Powder White			
Odor: Odor threshold:	Odorless Not determined.			
pH-value:	Not applicable.			
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	137-140 °C (279-284 °F) Not determined Not determined			
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not applicable Not determined. Not determined Not determined			
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Product name: 1,2-Benzisoxazol-3(2H)-one

Product name: 1,2-Benzisoxazol-3(2	'H)-one		
		(Contd. of page 2)	
Auto igniting:	Not determined.		
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density: Polotics density:	Product does not present an explosion hazard. Not determined Not determined Not applicable. Not determined		
Relative density Vapor density Evaporation rate Solubility in / Miscibility with Water:	Not determined. Not applicable. Not applicable. Not determined		
Partition coefficient (n-octanol/water). Viscosity: dynamic:	Not applicable.		
kinematic: Other information	Not applicable. No further relevant information available.		
10 Stability and reactivity			
Reactivity No information known	t information available.		
11 Toxicological information Information on toxicological effects Acute toxicity: No effects known.			
LD/LC50 values that are relevant for c Oral LD50 3100 mg/kg (mouse) 2650 mg/kg (rat)	lassification:		
Reproductive toxicity: No effects know Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect	own. own. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. m. - 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 furth Bioaccumulative potential No further re Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow material to be released to the Do not allow material to be released to the Do not allow undiluted product or large of Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant	ner relevant information available. elevant information available. mation available. he environment without proper governmental permits. quantities to reach ground water, water course or sewage system. t		
13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.			
14 Transport information Not a hazardous material for transportati	ion.		
UN-Number DOT, IMDG, IATA	None		
UN proper shipping name DOT, IMDG, IATA Transport hazard class(es)	None		
DOT, ADR, IMDG, IATA Class	None		
Packing group DOT, IMDG, IATA	None		
Environmental hazards:	Not applicable.		
Special precautions for user	Not applicable.	(Contd. on page 4)	

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	Reviewed off 10/12/200
roduct name: 1,2-Benzisoxazol-3(2H)-one	
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Transport in bulk according to Annex II of MARPOL	
Transport/Additional information: DOT	Not dangerous according to the above specifications.
Marine Pollutant (DOT):	No
5 Regulatory information Safety, health and environmental regulations/legisla GHS label elements The product is classified and labe Hazard pictograms	ation specific for the substance or mixture aled in accordance with 29 CFR 1910 (OSHA HCS)
P405 Store locked up. P501 Dispose of contents/container in acc National regulations This product is not listed in the U.S. Environmental Pro to research and development only. This product must b product modulations SARA Section 313 (specific toxic chemical listings) California Proposition 65 Prop 65 - Chemicals known to cause cancer Substai Prop 65 - Developmental toxicity, female Substance is not lis Prop 65 - Developmental toxicity, male Substance is information about limitation of use: For use only by to	lothing/eye protection/face protection. vater for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. sh air and keep comfortable for breathing. cordance with local/regional/national/international regulations. thetection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This in formulations for commercial purposes.) Substance is not listed. sted. is not listed. is not listed. technically qualified individuals. ations 1 to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the
6 Other information Employers should use this information only as a supple information to ensure proper use and protect the health	ement to other information gathered by them, and should make independent judgement of suitability of this n and safety of employees. This information is furnished without warranty, and any use of the product not in n combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Departme Date of preparation / last revision 11/24/2015 / -	

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