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Product name: 5-Methylberzoxazoline-2-thione Stoch number: 620451 Other Shumber: 620455 Other Shumber: 620455 Data Shumber: 6204555 Data Shumber: 6204555 Data Shumber: 6204555 Data Shumber: 62045555 Dat
Stock number: 2001
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Therm Fahren Schertific Chemicals, Inc. Ward Him, No 2005-0000 Tel: 800-933-0600 Tel: 800-933-0600 Tel: 800-933-0600 Tel: 800-933-0600 Tel: 800-933-0600 Tel: 800-933-0600 Tel: 800-931-0600 Tel:
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Errarius geh Ballia.com profession papertment: Health. Safety and Environmental Department Emergency Helphone number: During Anonami biosness hours (Monday-Friday, Bam-Tpm EST), call (800) 343-0660. After normal business hours, call Carachem 24 at (866) 928-0789. 21 Azard(s) Identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) White the transmission of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) White the transmission of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) White the transmission of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) White the transmission of the substance of the transmission of the transmission of the transmission of the substance of the
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Signal word Warning Hazard statements H315 Causes Skin Intration. H315 Causes Skin Intration. H315 Causes Skin Intration. Precautionary statements Precautionary statements P261 Avoid breathing dust/Inter/gas/mist/vapours/spray. P263 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification system HMIS rating (scale 0-4) HMIS ratings (scale 0-4) Health (acute effects) = 1 Flammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. Scomposition/information on ingredients Chemical characterization: Substances CAST 622-85-Methylberzoxazoline-2-thione 2287-52-85-Methylberzoxazoline-2-thione Zestriezation: Substances CAST 622-85 Jair Headure Jair Methyle Masses
Hazard statements ⁻ Hat's Gausses skin initiation. Pass Hat's Hat'
H115 Causes serious eye initiation. H115 Causes eye initiation. H115 Cause eye initiation eyes eyes in the eye comfortable for breathing. H115 Causes eyes eyes eyes eyes eyes eyes eyes
H335 May cause respiratory imilation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 P351-P338 IF INLERCE Price Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304-P334 P31-P338 IF INLERCE Price Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304-P334 Store focked up. P305 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international/international/international/international/international/international/international/international/international/international/internatinal/international/international/international/internat
P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Weae protective glows/protective closhing/eye protection. P3054-P351+P338 IF INE YES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304-P351+P338 IF INE YES: Rinse cautiously with water for several minutes. Remove person to fresh air and keep comfortable for breathing. P405 Store locked up. P405 Store locked up. P405 Store locked up. P405 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dust material causing other toxic effects D2B - Toxic material causing other toxic effects Harmability = 1 P406 Health (acute effects) = 1 Harmability = 1 Health (acute effects) = 1 Physical Hazard = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. Substances CASH pescription:
P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification Dispose of contents/container in accordance with local/regional/national/international regulations. D28 - Toxic material causing other toxic effects Dispose of contents/contents/container in accordance with local/regional/international regulations. WHMIS classification System D28 - Toxic material causing other toxic effects (Hazardous Materials Identification System) Health (acute effects) = 1 Flarmability = 1 Physical Hazardo = 1 Other hazards Results of PBT and VPVB assessment PBT: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASR Description: 22876-22-8 5-Methylbenzoxazoline-2-thione 4 First-aid measures Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek Immediate wash with water and span and rinse thoroughly.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHHMIS classification D2B - Toxic material causing other toxic effects DD Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects) = 1 (Hazardous Materials Identification System) Image: Image and the cute effects of the cute
D2B - Toxic material causing other toxic effects D2B Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) (Hazardous Materials Identification System) Health (acute effects) = 1 Fammability = 1 Physical Hazard = 1 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 3 Composition/Information on ingredients Chemical characterization: Substances CAS# Description: 22876-22-8 5-Methylbenzoxazoline-2-thione 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
HMIS ratings (scale 0-4) (Hazardous Materials Identification System) Image: I
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Flammability = 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: 22876-22-8 5-Methylbenzoxazoline-2-thione 4 First-aid measures Description of first aid measures After inhalation Supply Irresh 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.
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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.
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: 5-Methylbenzoxazoline-2-thione (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) Sulfur oxides (SOx) 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 Handle under dry protective gas. 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. Store away from air. Further information about storage conditions: Store under dry inert gas. This product is air sensitive. 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: Not required. 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 eyes and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are n Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands: Impervious gloves The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. Eye protection: Safety glasses Body protection: Protective work clothing. 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Crystalline powder Odor: Odor threshold: Not determined Not determined pH-value: Not applicable. Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: 223-225 °C (433-437 °F) Not determined Not determined Flash point: Not applicable

(Contd. on page 3)

Product name: 5-Methylbenzovazoline-2-thione

Page 3/4 Printing date 11/24/2015 Reviewed on 04/25/2005

Reviewed on 04/25/2005		
oduct name: 5-Methylbenzoxaz	oline-2-thione	
		(Contd. of page
Flammability (solid, gaseous)	Not determined.	
Ignition temperature:	Not determined	
Decomposition temperature: Auto igniting:	Not determined Not determined.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined	
Upper: Vapor pressure:	Not determined Not applicable.	
Vapor pressure: Density:	Not determined	
Relative density	Not determined.	
Vapor density	Not applicable.	
Evaporation rate Solubility in / Miscibility with	Not applicable.	
Water:	Not determined	
Partition coefficient (n-octanol/wat	ter): Not determined.	
Viscosity: dynamic:	Not applicable.	
kinematic:	Not applicable.	
Other information	No further relevant information available.	
Ct-hilling and reactivity		
Stability and reactivity		
Reactivity No information known. Chemical stability Stable under reco	commanded storage conditions	
Thermal decomposition / condition	ns to be avoided: Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions	No dangerous reactions known	
Conditions to avoid No further relev	vant information available.	
Incompatible materials: Air		
Oxidizing agents		
Hazardous decomposition product	ts:	
Carbon monoxide and carbon dioxide Nitrogen oxides	e	
Sulfur oxides (SOx)		
. ,		
Toxicological information		
Information on toxicological effect	ts	
Acute toxicity: No effects known.		
LD/LC50 values that are relevant for	or classification: No data	
Skin irritation or corrosion: Causes Eye irritation or corrosion: Causes	s skin irritation.	
Sensitization: No sensitizing effects	s known.	
Germ cell mutagenicity: No effects	s known.	
Carcinogenicity: No classification da	lata on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects kr Specific target organ system toxici	nown. city - repeated exposure: No effects known.	
Specific target organ system toxic	city - repeated exposure: No effects known. city - single exposure: May cause respiratory irritation.	
Aspiration hazard: No effects known		
Subacute to chronic toxicity: No ef	iffects known. on : To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.	
	in: To the best of our knowledge the acute and chronic toxicity of this substance is not runy known.	
Ecological information		
Toxicity		
Aquatic toxicity: No further relevant	t information available.	
Persistence and degradability No fil	further relevant information available.	
Bioaccumulative potential No furthe	ner relevant information available.	
Mobility in soil No further relevant in	information available.	
Additional ecological information: General notes:		
Do not allow material to be released to	to the environment without proper governmental permits.	
Do not allow undiluted product or larg	ge quantities to reach ground water, water course or sewage system.	
Avoid transfer into the environment. Results of PBT and vPvB assessm	nant l	
PBT: Not applicable.	ient	
vPvB: Not applicable.		
Other adverse effects No further rel	levant information available.	
Disposal considerations		
•		
Waste treatment methods Recommendation Consult state loc	cal or national regulations to ensure proper disposal.	
Uncleaned packagings:		
Recommendation: Disposal must be	e made according to official regulations.	
Transport information Not a hazardous material for transpor	vitation	
UN-Number		
DOT, ÎMDĞ, IATA	None	
UN proper shipping name DOT, IMDG, IATA	None	
Transport hazard class(es)		
DOT, ADR, IMDG, IATA		
Class	None	
Packing group DOT, IMDG, IATA		
DOT, IMDG, IATA	None	(Opented on page
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