

Section 1. Product and Company Identification

Product Name 2-Bromo-4-Hydroxymethylthiazole
CAS Number 5198-86-7

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
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All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 4), H302

GHS Label Elements
Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary Statements

P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Section 3. Composition / Information on Ingredients

Common Name 2-Bromo-4-Hydroxymethylthiazole
Formula C₄H₄BrNOS
CAS Number 5198-86-7



Section 4. First Aid Measures

Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water.

Serious Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water. Seek medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Serious Inhalation: Not available

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

Serious Ingestion: Not available

Section 5. Firefighting Measures

Flammability of the Product: Not available

Auto-Ignition Temperature: Not available

Flash Points: Not available

Flammable Limits: Not available

Products of Combustion: Not available

Fire Hazards in Presence of Various Substances: Not available

Explosion Hazards in Presence of Various Substances

Risks of explosion of the product in presence of mechanical impact: Not available

Risks of explosion of the product in presence of static discharge: Not available

Fire Fighting Media and Instructions: N/A

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available

Section 6. Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill: Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7. Handling and Storage

Precautions: Keep container dry. Do not ingest. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and



show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles chemicals.

Storage: Keep container tightly closed. Keep container in a cool refrigerated, well-ventilated area. Moisture sensitive.

Section 8. Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear approved gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9. Physical and Chemical Properties

Odor: Not available.

Taste: Not available.

Molecular Weight: 194.05 g/mol

Color: Not available

pH (1% Solution/Water): Not available.

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coefficient: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

Section 10. Stability and Reactivity

Stability

Instability Temperature: Not available.

Conditions of Instability: Not available.



Incompatibility with various substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Not available

Section 11. Toxicological Information

Routes of Entry: Unknown.

Toxicity to Animals: Unknown.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Not available.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12. Ecological Information

Ecotoxicity: Not available.

8005 and COD: Not available.

Products of Biodegradation: Unknown

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT Classification: Class 6.1: Poisonous material

Proper Shipping Name: Toxic solid, organic, n.o.s. (2-Bromo-4-hydroxymethylthiazole)

UN Number: UN2811

Hazard Class: Class 6.1

Packing Group: PG III

Special Provisions for Transport: Not available.



Section 15. Regulatory Information

Federal and State Regulations: Not Available.

TSCA: Not TSCA regulated

Other Regulations: Not Available.

Other Classifications

WHMIS (Canada): Not Available.

DSCL (EEC): Not Available.

Protective Equipment: N/A

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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