

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: Bismuth (III) 2, 2, 6, 6-tetramethyl-3, 5-heptanedionate
CAS #: 142617-53-6
FORMULA: Bi(C₁₁H₁₉O₂)₃

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	142617-53-6	100	no data	no data

SECTION 3 Hazards Identification

PRIMARY ROUTES OF EXPOSURE: Inhalation, eyes, and skin
EYE CONTACT: Causes eye irritation
SKIN CONTACT: Causes skin irritation. Harmful if absorbed through skin.
INHALATION: Harmful if inhaled. Causes respiratory tract irritation.
INGESTION: Harmful if swallowed. May cause irritation of the digestive tract.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.
SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.
INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5 Firefighting Measures

FLASH POINT: not available
AUTO IGNITION TEMPERATURE: not available
EXPLOSION LIMITS: not available

EXTINGUISHING MEDIUM: Use water spray, dry chemical, carbon dioxide, or chemical foam
SPECIAL FIREFIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.
HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:
UNUSUAL FIRE OR EXPLOSION HAZARDS: No unusual fire or explosion hazards.

SECTION 6 Accidental Release Measures

SPILL AND LEAK PROCEDURES: Vacuum or sweep up material and place into a suitable disposal container

SECTION 7 Handling and Storage

HANDLING AND STORAGE: Store material in a tightly sealed container in a cool, dry place.

SECTION 8 Exposure Controls and Personal Protection

EYE PROTECTION: Always wear approved safety glasses w/side shields, or safety goggles, face shield when handling a chemicals substance in the laboratory.

SKIN PROTECTION: Chemical-resistant.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9 Physical and Chemical Properties

COLOR AND FORM: solid

MOLECULAR WEIGHT: 758.79

MELTING POINT (DEG. C.): not available

BOILING POINT: not available

VAPOR PRESSURE: not available

SPECIFIC GRAVITY: not available

SOLUBILITY IN WATER: not available

SECTION 10 Stability and Reactivity

STABILITY: not available

HAZARDOUS POLYMERIZATION: has not been reported

CONDITIONS TO AVOID: incompatible materials

INCOMPATIBILITY: strong oxidizing agents

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

SECTION 11 Toxicological Information

RTECS DATA: Not listed under RTECS

MUTAGENIC EFFECTS: no data

TETRATOGENIC EFFECTS: no data

CARCINOGENIC EFFECTS: no data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 Ecological Information

ECOLOGICAL INFORMATION: No information available

SECTION 13 Disposal Considerations

DISPOSAL: Dispose of in according to local state and federal regulations.

SECTION 14 Transportation Information

Not regulated as a hazardous material

Not regulated as a hazardous material

SECTION 15 Regulatory Information

TSCA: Not listed in the TSCA inventory

SARA (TITLE 313): No chemicals are reported under section 313

SECTION 16 Other Information

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

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