

Section 3. Composition / information on ingredients

Chemical or common name:	Barium bis(2,2,6,6-tetramethyl-3,5-heptanedionate)
Synonyms:	Bis(dipivaloylmethanato) barium
Chemical formula:	Ba(C ₁₁ H ₁₉ O ₂) ₂
Single Substance or Mixture:	Single substance
Composition:	100%
CAS #:	17594-47-7
RTECS#:	not listed
TSCA inventory :	not listed
EINECS:	not listed

Section 4. First aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Promptly flush contaminated skin with soap or mild detergent and water. Contact physician if irritation continues.
Inhalation:	Remove the exposed person immediately and provide fresh air. Get medical attention.
Ingestion:	Rinse mouth and throat with water. Get medical attention immediately.

Section 5. Fire fighting measures

Extinguishing agents:	Carbon dioxide, Dry chemical powder, water foam, dry sand. DO NOT use a direct water stream.
Fire fighting:	Flammable material. Burning material releases toxic organic fumes. Self-contained breathing apparatus and full protective clothing should be used, if the material is involved in fire. Remove containers to safe place if possible. Use water spray to Cool down nearby structures and containers.

Section 6. Accidental release measures

Personal Precautions:	Workers should use protective wears to prevent contact with the spilt adhesive and inhalation of its vapor/dusts.
Environmental hazard precautions:	Shut off leak if without risk. Prevent flow out to river, etc. so as not to badly affect.
Method for containment and cleaning up:	Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd. Gather up, pack in closed DOT-approved waste container as much as possible. Carefully collect remnant and move to a safe place.

Section 7. Handling and storage

Precautions to be taken in handling:

Safe handling: Use protective wears and local ventilation equipment, if inhalation or skin contact is foreseen.
 Avoid prolonged or repeated exposure.
 Keep away from heat, sparks and naked flame.
 Electrically ground all equipment when handling this material and use only non-sparking tools.

Precautions to be taken in storage:

General precautions: Store the material in a sealed container.
 Store in a cool, dry, well ventilated and dark place away from incompatible materials.

Section 8. Exposure controls / personal protection

Exposure guideline: ACGIH (2013): No data available
 OSHA (2006): No data available

Facility measures: Local ventilation of closed work room or total proper ventilation to prevent inhalation.

Protective ware: Wear appropriate NIOSH/MSHA-approved respirator, safety goggles, face shields, protective gloves

Section 9. Physical and chemical properties

Color and Form: White solid
 Chemical formula: Ba(C11H19O2)2
 Formula weight: 503.9
 Melting point: 217 °C
 Boiling point: 239 °C / 13.3Pa
 Water solubility: insoluble
 Flammable: Flammable
 Oxidation: None

Section 10. Stability and reactivity

Stability: Stable when stored in sealed container.

Reactivity

Incompatibility: Strong oxidizing agents

Section 11. Toxicological information

Acute toxicity (oral, inhalation): GHS (oral, inhalation) : Category 4 ; Harmful if swallowed
 Harmful if inhaled (dust ,mist)

Acute toxicity (dermal): GHS : No data available

Skin corrosive / irritation: GHS :: Category 2 ;Harmful if inhaled Causes skin irritation

Serious eyes damage / eye irritation: GHS :: Category 2 ; Causes serious eye irritation

Respiratory sensitization: GHS : No data available.

Skin sensitization: GHS : No data available.

Germ cell mutagenicity:	GHS : No data available.
Carcinogenicity:	GHS : No data available.
Reproductive toxicity:	GHS ; No data available.
Specific target organ toxicity —single exposure:	GHS : Category 3 ; May cause respiratory irritation
Specific target organ toxicity —repeated exposure:	GHS ; No data available.
Aspiration hazard:	GHS ; No data available.

Section 12. Ecological information

Ecotoxicity:

Hazards to the aquatic environment

—acute toxicity: GHS : No data available.

—chronic toxicity: GHS : No data available.

Hazardous to the ozone layer: GHS ; No data available

No Freon or Halon

Fish toxicity: No data available

Degradability: No data available

Bioaccumulative potential : No data available

Ingredients Name	Biological half-life (day)	Rate of absorption	
		oral	respiratory tract
Ba	65	0.05	0.28

Mobility in soil: No data available

Section 13. Disposal considerations

Disposal method: User of the product should contract with the local government or licensed 'Industrial Waste Haulers' for disposal of waste.

Section 14. Transport information

UN number:	1564
IATA shipping name:	BARIUM COMPOUND, N.O.S.
IATA classification:	Hazardous Class 6.1 (Toxic substances)
IATA packing group:	III
HS code:	2914.19
Marine pollution:	None

Section 15. Regulatory information

TSCA inventory : not listed.

Please refer to any other local / national measures that may be relevant.

Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.