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**SECTION 1: Product Identification**

<b>Product name</b>	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)barium bis(phenanthroline) adduct
<b>CAS #</b>	Not available
<b>Catalog #</b>	0560110
<b>Chemical family</b>	Beta-diketone complexes

**SECTION 2: Composition, Information on Ingredients**

<b>Component</b>	<b>%</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>Hazard Symbol</b>	<b>R-Phrase</b>
Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)barium bis(phenanthroline) adduct		Not available	none	none	none

**SECTION 3: Hazard Identification**

<b>Emergency overview</b>	Harmful if swallowed. May be irritating to skin, eyes and respiratory tract.
<b>Eye contact</b>	May cause slight to mild irritation of the eyes.
<b>Skin contact</b>	May cause slight to mild irritation of the skin.
<b>Inhalation</b>	May cause difficulty in breathing and irritate mucous membranes and respiratory tract.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may lead to vomiting, rapid pulse, pain and convulsion.
<b>Chronic health effects</b>	No information available

**SECTION 4: First Aid Measures**

<b>Eye exposure</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately.
<b>Skin exposure</b>	Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
<b>Inhalation</b>	Remove from exposure to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance.
<b>Ingestion</b>	Seek medical attention immediately. If victim is conscious, give 2-4 cupfuls of water.

**SECTION 5: Fire Fighting Measures**

<b>General information</b>	If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. If involved in a fire this material may emit irritating fumes.
<b>Extinguishing media</b>	Use water spray, carbon dioxide, dry powder or foam

**SECTION 6: Accidental Release Measures**

<b>Spill and leak procedures</b>	Small spills can be mixed with vermiculite or sodium carbonate and swept up.
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SECTION 7: Handling and Storage	
<b>Handling</b>	Avoid breathing dust, vapor, mist, or gas. Do not get in eyes and on skin.
<b>Storage</b>	Store in a cool, dry place. Store in a tightly closed container.
SECTION 8: Exposure Controls and Personal Protection	
<b>Eye protection</b>	Always wear approved safety glasses when handling a chemical substance in the laboratory.
<b>Skin protection</b>	Wear protective gloves.
<b>Ventilation</b>	If possible, handle the material in an efficient fume hood.
<b>Respirator</b>	If ventilation is not available a respirator should be worn. The use of respirators requires Respirator Protection Program to be in compliance with 29CFR 1910.134.
SECTION 9: Physical and Chemical Properties	
<b>Appearance</b>	White xtl.
<b>Odor</b>	No data
<b>Melting point</b>	No data
<b>Boiling point</b>	No data
<b>Flash point</b>	No data
<b>Solubility in water</b>	No data
<b>Specific gravity</b>	No data
<b>Molecular formula</b>	C <sub>22</sub> H <sub>38</sub> BaO <sub>4</sub> x 2C <sub>12</sub> H <sub>8</sub> N <sub>2</sub>
<b>Molecular weight</b>	864.28
SECTION 10: Stability and Reactivity	
<b>Stability</b>	Not available.
<b>Hazardous polymerization</b>	No hazardous polymerization.
<b>Conditions to avoid</b>	Incompatible materials.
<b>Incompatibilities with other materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide, organic fumes and barium oxides.
SECTION 11: Toxicological Information	
<b>RTECS Data</b>	No information available in the RTECS files.
<b>Carcinogenic effects</b>	No data available.
<b>Mutagenic effects</b>	No data available.
<b>Teratogenic effects</b>	No data available.
SECTION 12: Ecological Information	
<b>Ecological information</b>	No information available.
SECTION 13: Disposal Considerations	
Dispose of in a manner consistent with federal, state, and local regulations.	

SECTION 14: Transport Information	
<b>Shipping name (CFR)</b>	Non-hazardous
<b>Hazard class (CFR)</b>	NA
<b>Additional hazard class (CFR)</b>	NA
<b>Packing group (CFR)</b>	NA
<b>UN ID number (CFR)</b>	NA
<b>Shipping name (IATA)</b>	Non-hazardous
<b>Hazard class (IATA)</b>	NA
<b>Additional hazard class (IATA)</b>	NA
<b>Packing group (IATA)</b>	NA
<b>UN ID number (IATA)</b>	NA
SECTION 15: Regulatory Information	
<b>TSCA</b>	Non listed in the TSCA inventory
<b>SARA</b>	Not reportable under SARA Title 313
SECTION 16: Other Information	
<b>Preparation date</b>	05.05.05
<b>Revision date</b>	05.05.05
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