



Material Safety Data Sheet

Company: DALCHEM, MOSKOVSKOE SHOSSE, 85, Nizhny Novgorod, 603000, RUSSIA
TEL: + 7 (8312) 753-772, FAX: +7 (8312) 750-799

SECTION 1: Product Identification

Product name	Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)lead (II), 99% (Pb(TMHD) ₂)
CAS #	21319-43-7
Catalog #	0820100
Chemical family	Metal beta-diketonate complex

SECTION 2: Composition, Information on Ingredients

Component	%	CAS #	EINECS #	Hazard Symbol	R-Phrase
Bis(2,2,6,6-tetramethyl-3,5-heptanedionato)lead (II)	99	21319-43-7	none	none	none

SECTION 3: Hazard Identification

Emergency overview	Toxic if inhaled. May cause respiratory tract irritation.
Eye contact	May cause eyes irritation.
Skin contact	May cause mild irritation of skin.
Inhalation	May causes irritation of mucous membranes and respiratory tract.
Ingestion	Harmful if swallowed.
Chronic health effects	No information available.

SECTION 4: First Aid Measures

Eye exposure	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately if it necessary.
Skin exposure	Flush skin with plenty of soap and water.
Inhalation	Remove from exposure to fresh air immediately. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance.
Ingestion	Get medical aid. Wash mouth out with water.

SECTION 5: Fire Fighting Measures

General information	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 toxic fumes and toxic lead oxide dust.
Extinguishing media	Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

SECTION 6: Accidental Release Measures

Spill and leak procedures	Small spills can be mixed with vermiculite or other suitable absorbents and swept up.
----------------------------------	---

SECTION 7: Handling and Storage	
Handling	Avoid breathing dust. Avoid contact with skin and eyes.
Storage	Store in a cool, dry place. Store in a tightly closed container. Keep away from heat and moisture.
SECTION 8: Exposure Controls and Personal Protection	
Eye protection	Always wear approved safety glasses when handling a chemical substance in the laboratory.
Skin protection	Wear protective gloves.
Ventilation	Handle the material in an efficient fume hood.
Respirator	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	
Appearance	White powdr.
Odor	None
Melting point	126-131 °C
Boiling point	Dec. 325°C (subl. 134°/0.1mm)
Flash point	No data
Solubility in water	Insoluble
Specific gravity	No data
Molecular formula	C22H38O4Pb
Molecular weight	573.75
SECTION 10: Stability and Reactivity	
Stability	Air and moisture stable solid.
Hazardous polymerization	No hazardous polymerization
Conditions to avoid	Contact with moisture.
Incompatibilities with other materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, organic vapors, and toxic lead oxide.
SECTION 11: Toxicological Information	
RTECS Data	No information available in the RTECS files.
Carcinogenic effects	No data available.
Mutagenic effects	No data available.
Tetratogenic effects	No data available.
SECTION 12: Ecological Information	
Ecological information	No information available.
SECTION 13: Disposal Considerations	
Dispose of in a manner consistent with federal, state, and local regulations.	

SECTION 14: Transport Information	
Shipping name (CFR)	Lead compound, soluble, n.o.s.
Hazard class (CFR)	6.1
Additional hazard class (CFR)	NA
Packing group (CFR)	III
UN ID number (CFR)	2291
Shipping name (IATA)	Lead compound, soluble, n.o.s.
Hazard class (IATA)	6.1
Additional hazard class (IATA)	NA
Packing group (IATA)	III
UN ID number (IATA)	2291
SECTION 15: Regulatory Information	
TSCA	Non listed in the TSCA inventory
SARA	Not reportable under SARA Title 313
SECTION 16: Other Information	
Preparation date	31.07.07
Revision date	01.10.12
<p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.</p>	