



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. LL 119  
Effective Date July 9, 1998

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	LEAD CARBONATE, BASIC	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177 <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 <b>HMIS*</b> HIGH EXTREME 3 4
<b>Chemical Synonyms</b>	White Lead	
<b>Formula</b>	(PbCO <sub>3</sub> ) <sub>2</sub> •Pb(OH) <sub>2</sub>	
<b>Unit Size</b>	Up to 2.5 Kg.	
<b>C.A.S. No.</b>	1319-46-6	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Lead Carbonate, Basic	100%	See Section V.

**WARNING! HARMFUL IF INHALED OR SWALLOWED.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	6.1 at 20°C
Boiling Point (°F)	Decomposes 400°C	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble		
Appearance & Odor	White crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-flammable.	<b>Flammable Limits in Air % by Volume</b>	N/A	Lower	Upper
<b>Extinguisher Media</b>	Water fog, CO <sub>2</sub> , dry chemical or foam extinguishing agents.				

### SPECIAL FIREFIGHTING PROCEDURES

Isolate from other material and utilize one of the media above. Place smoldering material into a clean metal container and cover with water or sand. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full body protective clothing and full facepiece.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Isolate from heat, open flames and all sources of sparks including static electricity to avoid conditions which may cause a fire/explosion hazard. Fume, vapor and/or dust may occur and are considered toxic and respiratory irritants. The product or dust can react vigorously with strong oxidizing agents.

D.O.T. **NON-REGULATED.**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

## SECTION V HEALTH HAZARD DATA

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<b>Threshold Limited Value</b>	OSHA-PEL: .05 mg/m <sup>3</sup> TWA: .15 mg/m <sup>3</sup>
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<b>Effects of Overexposure</b>	<b>INHALATION AND INGESTION:</b> Symptoms include sleeplessness, loss of appetite, apathy, constipation, abdominal colic, metallic taste and muscle weakness. Signs include elevated blood levels, anemia, neuromuscular dysfunction and encephalopathy.
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<b>Emergency and First Aid Procedures</b>	<b>INHALATION:</b> Remove to fresh air. If not breathing get medical attention. <b>INGESTION:</b> If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting. Repeat until vomit fluid is clear. Call physician immediately. Never give anything by mouth to an unconscious person. <b>EYES:</b> Flush eyes thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. <b>SKIN:</b> Flush thoroughly with water, then wash with soap and water.
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## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Stable at 200°F.
	<b>Stable</b>	X		

<b>Incompatibility (Materials to Avoid)</b>	Fluorine
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<b>Hazardous Decomposition Products</b>	When heated, emits oxides of lead and Carbon oxides.
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<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>
<b>May Occur</b>	<b>Will Not Occur</b>
	X
	Not applicable.

## SECTION VII SPILL OR LEAK PROCEDURES

<b>Steps to be taken in case material is released or spilled</b>	Recover for use if not contaminated. Wear suitable protective clothing; avoid making dust, sweep up and place in a suitable container for disposal. Wash spill area well with soap and water.
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<b>Waste Disposal Method</b>	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.  Dispose of in accordance with federal, state and local regulations.
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## SECTION VIII SPECIAL PROTECTION INFORMATION

<b>Respiration Protection (Specify Type)</b>	None should be needed in normal laboratory handling. If dusty conditions prevail, work in a fume hood or wear a NIOSH/MSHA-approved dust mask or respirator.			
<b>Ventilation</b>	<b>Local Exhaust</b>	Yes.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Yes.	<b>Other</b>	No.

<b>Protective Gloves</b>	Rubber.	<b>Eye Protection</b>	Chemical safety glasses.
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<b>Other Protective Equipment</b>	Goggles, lab coat, ventilation hood, proper gloves, eye wash station.
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## SECTION IX SPECIAL PRECAUTIONS

<b>Precautions to be Taken in Handling &amp; Storing</b>	Store in a cool, dry place away from strong oxidizing agents. Wash thoroughly with soap and water after handling. Keep container tightly closed when not in use.
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<b>Other Precautions</b>	Read label on container before using. Do not wear contact lenses when working with chemicals.  Do not breathe dust or fumes. Use with adequate ventilation. Remove and wash contaminated clothing promptly.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No. 6	<b>Date</b> 7/9/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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