



GARDENA, CA  
NEW BRUNSWICK, NJ

# Material Safety Data Sheet

NFPA	HMIS	Personal Protective Equipment						
	<table border="1"> <tr><td>Health Hazard</td><td style="text-align: center;">2</td></tr> <tr><td>Physical Hazard</td><td style="text-align: center;">0</td></tr> <tr><td>Reactivity</td><td style="text-align: center;">0</td></tr> </table>	Health Hazard	2	Physical Hazard	0	Reactivity	0	
Health Hazard	2							
Physical Hazard	0							
Reactivity	0							
See Section 15.								

**Section 1. Chemical Product and Company Identification** Page Number: 1

Common Name/ Trade Name	<b>Lead carbonate</b>	CAS#	598-63-0
Manufacturer	ProChem, Inc. 826 Roosevelt Rd Rockford, IL 61109	RTECS	OF9275000
Commercial Name(s)	Not available.	TSCA	TSCA 8(b) inventory: Lead carbonate
Synonym	Not available.	CI#	Not available.
Chemical Name		<b>IN CASE OF EMERGENCY</b> <b>CHEMTREC (24hr) 800-424-9300</b> <b>CALL 815-398-1788</b>	
Chemical Family	Not available.		
Chemical Formula	PbCO <sub>3</sub>		
Supplier			

**Section 2. Composition and Information on Ingredients**

Name	CAS #	Exposure Limits			% by Weight
		TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )	CEIL (mg/m <sup>3</sup> )	
1) Lead carbonate	598-63-0	0.15		0.45	100

Toxicological Data on Ingredients	<b>Lead carbonate</b> LD50: Not available. LC50: Not available.
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**Section 3. Hazards Identification**

Potential Acute Health Effects	Very hazardous in case of ingestion. Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant).
Potential Chronic Health Effects	<b>CARCINOGENIC EFFECTS:</b> Classified 2B (Possible for human.) by IARC. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available. The substance is toxic to the nervous system. Repeated or prolonged exposure to the substance can produce target organs damage.

**Section 4. First Aid Measures**

Eye Contact	Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Serious Skin Contact	Not available.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Inhalation	Not available.
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Serious Ingestion	Not available.

**Section 5. Fire and Explosion Data**

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

**Section 6. Accidental Release Measures**

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

**Section 7. Handling and Storage**

Precautions	Keep locked up Do not breathe dust. Avoid contact with eyes Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible.
Storage	Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits	TWA: 0.15 CEIL: 0.45 (mg/m <sup>3</sup> ) from ACGIH [1995]  Consult local authorities for acceptable exposure limits.

**Section 9. Physical and Chemical Properties**

Physical state and appearance	Solid.	Odor	Not available.
Molecular Weight	267.2 g/mole	Taste	Not available.
pH (1% soln/water)	Not applicable.	Color	Not available.
Boiling Point	Not available.		
Melting Point	Not available.		
Critical Temperature	Not available.		
Specific Gravity	Not available.		
Vapor Pressure	Not applicable.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not available.		
Water/Oil Dist. Coeff.	Not available.		
Ionicity (in Water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Insoluble in cold water.		

**Section 10. Stability and Reactivity Data**

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Not available.

**Lead carbonate**

Page Number: 4

Corrosivity	Non-corrosive in presence of glass.
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Special Remarks on Reactivity	Not available.
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Special Remarks on Corrosivity	Not available.
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Polymerization	No.
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**Section 11. Toxicological Information**

Routes of Entry	Eye contact. Inhalation. Ingestion.
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Toxicity to Animals	LD50: Not available. LC50: Not available.
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Chronic Effects on Humans	<b>CARCINOGENIC EFFECTS:</b> Classified 2B (Possible for human.) by IARC. The substance is toxic to the nervous system.
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Other Toxic Effects on Humans	Very hazardous in case of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant).
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Special Remarks on Toxicity to Animals	Not available.
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Special Remarks on Chronic Effects on Humans	Not available.
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Special Remarks on other Toxic Effects on Humans	Not available.
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**Section 12. Ecological Information**

Ecotoxicity	Not available.
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BOD5 and COD	Not available.
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Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
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Toxicity of the Products of Biodegradation	The products of degradation are more toxic.
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Special Remarks on the Products of Biodegradation	Not available.
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**Section 13. Disposal Considerations**

Waste Disposal	
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**Section 14. Transport Information**

DOT Classification	Not a DOT controlled material (United States).
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Identification	Not applicable.
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Special Provisions for Transport	Not applicable.
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DOT (Pictograms)



**Section 15. Other Regulatory Information and Pictograms**

**Federal and State Regulations**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead carbonate  
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead carbonate  
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead carbonate  
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead carbonate  
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead carbonate  
 Pennsylvania RTK: Lead carbonate  
 Massachusetts RTK: Lead carbonate  
 TSCA 8(b) inventory: Lead carbonate  
 SARA 313 toxic chemical notification and release reporting: Lead carbonate  
 CERCLA: Hazardous substances.: Lead carbonate

**California Proposition 65 Warnings**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead carbonate  
 California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead carbonate

**Other Regulations**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications**

**WHMIS (Canada)** CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

**DSCL (EEC)** R36- Irritating to eyes.  
 R40- Possible risks of irreversible effects.

**HMIS (U.S.A.)**

Dangerousness	2
Health	0
Reactivity	0
Personal Protection	E

**National Fire Protection Association (U.S.A.)**

Health



Flammability

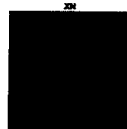
Reactivity

Specific hazard

**WHMIS (Canada) (Pictograms)**



**DSCL (Europe) (Pictograms)**



**TDG (Canada) (Pictograms)**



ADR (Europe)  
(Pictograms)



Protective Equipment



Gloves.



Lab coat.



Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.



Splash goggles.

**Section 16. Other Information**

References Not available.

Other Special Considerations Not available.

PREPARATION DATE: NOV 2005

**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, ProChem Chemicals<sup>1</sup>nc. assumes no responsibility for the completeness or accuracy of the information contained herein.