


## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

<b>Product Name:</b>	Ecologic™ Plaster of Paris (Medium and Fast Set Types)	
<b>Brand:</b>	Ecologic™	
<b>Recommended Use:</b>	Gauging to accelerate the set of interior lime plaster.	
<b>Supplier's Details:</b>	LimeWorks.us 3145 State Road Telford, PA 18969	Phone: 215-536-6706 Fax: 215-453-1310 Website: www.limeworks.us
<b>Emergency Phone Number:</b>	InfoTrac : 1-800-535-5053	

## SECTION 2 - HAZARD IDENTIFICATION

 GHS07 Irritant					
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**Signal Word:** None

**Hazard Statements:** H-373, H312, 332

Handling of this material may generate dust, which can cause irritation of the eyes, skin, nose, or throat. May cause damage due to repeated prolonged unprotected exposure (lungs).

**Precautionary Statements:**

P102: Keep out of reach of children  
 P280: Wear protective gloves/clothing/eye and face protection  
 P305+P351+P338+P310: In case of contact with the eyes, rinse carefully with clean water for several minutes. In relevant cases, take off contact lenses if possible. Immediately call a Poison Center or a doctor/physician.  
 P302+P352: If in contact with skin: wash abundantly with soap and water.  
 P332+P313: For skin irritation: consult a doctor.  
 P261+P304+P340: Avoid powder inhalation. In case of inhalation, bring the affected individual outside into fresh air and make the individual relax in a comfortable position for breathing.  
 P312: Call a Poison Center in case of general feeling of sickness.  
 P501: Dispose of bags content/empty bags at a point of refuse collection.

**NFPA Ratings (Scale 0 - 4):**

	Health = 1 Fire = 0 Reactivity = 0 Special Notice = None
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**HMIS Ratings (Scale 0 - 4):**

<b>HEALTH</b> 1 <b>FLAMMABILITY</b> 0 <b>PHYSICAL HAZARD</b> 0 <b>PERSONAL PROTECTION</b> J	Health = 1 Flammability = 0 Physical Hazard = 0 Personal Protection = J
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**Other Hazards:** None known



# Safety Data Sheet

## Ecologic™ Plaster of Paris (Medium and Fast Set Types)

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**NOTE: May contain trace amounts of crystalline silica impurities (CAS: 14808-60-7).**

10034-76-1	Calcium Sulfate Hemihydrate	>85%
93763-70-3	Perlite	<5%

### SECTION 4 - FIRST AID MEASURES

<b>Inhalation:</b>	Remove person to fresh air. If not breathing, ensure a clear airway and provide artificial respiration or oxygen by a qualified professional. Obtain medical attention immediately if symptoms worsen or persist.
<b>Skin Contact:</b>	Wash contaminated area with plenty of soap and running water. Use appropriate lotions if irritation due to skin dryness occurs. Obtain medical attention if skin irritation occurs, persists, or worsens. Launder contaminated clothing separately before re-use.
<b>Eye Contact:</b>	Do not scratch or rub eyes. Immediately remove contact lenses. Flush the contaminated eye(s) with gently flowing water for at least 15-20 minutes. Obtain medical attention if symptoms occur, worsen, or persist.
<b>Ingestion:</b>	Small amounts are not expected to be hazardous, but in larger quantities abdominal discomfort or obstruction of digestive tract may occur. If ingested in quantity, immediately seek the advice of a qualified medical professional.

### SECTION 5 - FIRE FIGHTING MEASURES

<b>Fire Hazards/Conditions of Flammability:</b>	This product is not flammable or combustible.
<b>Flash Point (Method):</b>	Not Determined
<b>Lower Flammable Limit (% by volume):</b>	Not Determined
<b>Upper Flammable Limit (% by volume):</b>	Not Determined
<b>Sensitivity to Mechanical Impact:</b>	Probably not sensitive.
<b>Sensitivity to Static Discharge:</b>	Probably not sensitive.
<b>Auto-Ignition Temperature:</b>	Not Determined
<b>Suitable Extinguishing Media:</b>	Use extinguishing medium appropriate for the specific surrounding fire.
<b>Special Fire-Fighting Procedures/ Equipment:</b>	During a fire, irritating/toxic smoke and fumes may be generated by surrounding products. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece.
<b>Hazardous Combustion Products:</b>	None known. Above 1450°C, material may release sulfur dioxide and oxides of carbon.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Avoid dust formation and inhalation. All persons dealing with clean-up should wear the appropriate protective equipment (See section 8).
<b>Environmental Precautions:</b>	Material is not known to be an environmental hazard. Dispose of as per local, state, and federal regulations
<b>Spill Response / Cleanup:</b>	Move ruptured containers away from the spill area if safely able. Dry Vacuum or sweep up material and place in a labeled container for disposal. Dispose of waste in a manner as approved by local, state, and federal regulations. Allow wet powder to harden and dry dispose. Do not wash down drains as clogs may occur.

### SECTION 7 – HANDLING AND STORAGE

<b>Safe Handling Procedures:</b>	Before handling, ensure the appropriate personnel have read and understood all safety and handling instructions. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dusts. Avoid contact with eyes, skin, and clothing. Avoid generating high concentrations of dusts. Keep containers closed when not in use.
<b>Storage Requirements:</b>	Store in a cool, dry, well-ventilated area out of direct sunlight. Store away from incompatible materials. Inspect all incoming containers to make sure they are properly labeled and not damaged. Storage area should be clearly identified, clear of obstruction, and accessible only to trained personnel. Inspect periodically for damage or leaks. Empty containers may retain product residue and should be treated appropriately. No decomposition if stored appropriately.
<b>Incompatible Materials:</b>	Strong acids, strong reducing agents, extreme heat.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>	There is no available data for the product. See below for individual ingredient exposure limits.		
<b>Ingredient</b>	OSHA PEL		ACGIH TLV
	TWA		TWA
Calcium Sulfate Hemihydrate	5 mg/m <sup>3</sup> (Respirable Fraction) 15 mg/m <sup>3</sup> (Total Dust)		10 mg/m <sup>3</sup>
Perlite	5 mg/m <sup>3</sup> (Respirable Fraction) 15 mg/m <sup>3</sup> (Total Dust)		10 mg/m <sup>3</sup>
<b>Engineering Controls:</b>	Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits.		
<b>Respiratory Protection:</b>	Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirator if the exposure limits are unknown.		
<b>Protective Clothing/Equipment:</b>	Wear suitable protective clothing and gloves to minimize exposure to skin and prevent exposure to eyes.		
<b>General Hygiene Considerations:</b>	Avoid generating high concentrations of dusts. Avoid contact with skin and eyes. Avoid breathing dusts or mists. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.		

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State, Color, Etc:</b>	White Powder	<b>Upper / lower flammability or explosive limits:</b>	Not Determined
<b>Odor:</b>	Odorless	<b>Vapor Pressure:</b>	Not Determined
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	Not Determined
<b>pH:</b>	~7	<b>Relative Density:</b>	~2.2-2.8
<b>Melting / Freezing Point:</b>	Not Determined	<b>Solubility(ies):</b>	2.1 g/L @ 20°C
<b>Initial Boiling Point and Boiling Range:</b>	Not Determined	<b>Partition Coefficient: n-octanol/water:</b>	Not Determined
<b>Flash Point:</b>	Not Determined	<b>Auto-Ignition Temperature:</b>	Not Determined
<b>Evaporation Rate:</b>	Not Determined	<b>Decomposition Temperature:</b>	1450°C
<b>Flammability (solid, gas):</b>	Not Determined	<b>Viscosity:</b>	Not Determined

### SECTION 10 - STABILITY AND REACTIVITY DATA

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable under the recommended storage and handling conditions.
<b>Possibility of Hazardous Reactions:</b>	No dangerous reactions known under conditions of normal use.
<b>Conditions to Avoid:</b>	None known when stored as directed (see Section 7)
<b>Incompatible Materials:</b>	Incompatible materials (see Section 7).
<b>Hazardous Decomposition Products:</b>	Above 1450°C, will decompose to Calcium Oxide, Sulfur Dioxide, and release various oxides of carbon.

### SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Routes of Exposure:</b>	Eye contact, ingestion, inhalation, skin contact.	
<b>Effects of Short-Term (Acute) Exposure:</b>		
<b>Eyes:</b>	Direct eye contact may cause mechanical irritation or dryness.	
<b>Ingestion:</b>	Ingestion may cause abdominal upset or obstruction.	
<b>Inhalation:</b>	Short term exposure may cause respiratory irritation. Chronic long term exposure may result in lung disease.	
<b>Skin:</b>	Direct skin contact may cause minor skin irritation, with greater irritation possible to those with sensitive skin or allergies to component ingredients.	
<b>Effects of Long-Term (Chronic) Exposure:</b> This product may contain traces of crystalline silica (quartz) naturally occurring in the raw material. Though OSHA does not regulate crystalline silica as a carcinogen, the National Toxicology Program and International Agency for Research on Cancer both classify it as an anticipated carcinogen. Exposures to respirable crystalline silica are not expected during the recommended use of this product under the proper safety instructions in this document.		
<b>Other Important Hazards:</b>	None known under conditions of normal use.	
<b>Numerical Measures of Toxicity:</b>		
<b>Ingredient</b>	<b>CAS #</b>	<b>LD50 (route, species)</b>
Calcium sulfate hemihydrate	10034-76-1	>5000 mg/kg (oral, rat)
Perlite	93763-70-3	No known toxicity based on available information.

### SECTION 12 – ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not known to be toxic, but local authorities should be notified promptly in the event of a release of large quantities into aquatic environments.
<b>Persistence and Degradability:</b>	Not Determined
<b>Bioaccumulative Potential:</b>	Not believed to have bioaccumulation potential.
<b>Mobility in the Soil:</b>	Not Determined
<b>Other Adverse Effects:</b>	Not Determined

### SECTION 13 – WASTE DISPOSAL

Disposal must be in accordance with local, state, or national requirements. Dispose of the contents and bags at a point of refuse collection. Bags should be totally emptied.

### SECTION 14 – TRANSPORTATION INFORMATION

<b>UN Number</b>	Non-Regulated Material	<b>Environmental Hazards</b>	Not Applicable
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# Safety Data Sheet

## Ecologic™ Plaster of Paris (Medium and Fast Set Types)

<b>UN Proper Shipping Name</b>	Non-Regulated Material	<b>Transport in Bulk</b>	Not Applicable
<b>Transport Hazard Class(es)</b>	Non-Regulated Material	<b>Special Precautions</b>	Not Applicable
<b>Packing Group</b>	Non-Regulated Material		

### SECTION 15 – REGULATORY INFORMATION

<b>OSHA Information:</b>	This product is regulated according to OSHA. This SDS contains all the information required by OSHA.				
<b>TSCA Information:</b>	The ingredients in this product are listed on the TSCA.				
<b>National Fire Protection Association (NFPA):</b>					
<b>HEALTH: 1</b>	<b>FLAMMABILITY: 0</b>	<b>INSTABILITY: 0</b>	<b>SPECIAL HAZARDS:</b> Refer to Section 1 & 3		
<b>HAZARD SCALE:</b>	0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe
<b>New Jersey Labeling Requirements:</b>	Ingredients to be disclosed on product labeling: Refer to Section 3.				
<b>California Proposition 65:</b>	This product contains silica, which is known to the State of California to cause cancer.				

### SECTION 16 – OTHER INFORMATION

<b>References:</b>	1. Safety Data Sheets from manufacturer/supplier.				
<b>Abbreviations:</b>					
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>NTP</b>	National Toxicology Program		
<b>AIHA</b>	American Industrial Hygiene Association	<b>OSHA</b>	Occupational Safety and Health Administration		
<b>CAS</b>	Chemical Abstract Service	<b>PEL</b>	Permissible Exposure Limit		
<b>DSL</b>	Domestic Substance List	<b>STEL</b>	Short-term Exposure Limit		
<b>IARC</b>	International Agency for Research on Cancer	<b>TLV</b>	Threshold Limit Value		
<b>LC</b>	Lethal Concentration	<b>TSCA</b>	Toxic Substances Control Act		
<b>LD</b>	Lethal Dosage	<b>TWA</b>	Time Weighted Average		
<b>N/A</b>	Not Applicable/Not Available	<b>WHMIS</b>	Workplace Hazardous Materials Information System		
<b>NIOSH</b>	National Institute for Occupational Safety and Health				

To be best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. End of the SDS.