

# Safety Data Sheet – Laterite



## Section 1: Product and Company Identification

**Product Identifier:** Laterite

**Product Names:** Laterite

**Product uses:** various industrial uses

**Manufacturer:**

Industrial Mineral Company  
7268 Frasinetti Road  
Sacramento, California 95828



Distributed by:  
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**Emergency Telephone Number:** 916-383-2811

**Telephone Number for Information:** 916-383-2811

## Section 2: Hazards Identification



Respiratory Sensitizer



Irritant (skin and eye)

Skin Sensitizer

Reparatory Track Irritant

**Exposure limits for Crystalline Silica:** The current American Conference of Government Industrial Hygienist Threshold limit value for crystalline silica is: 0.1 mg/m<sup>3</sup>

**Signal Word:** Danger

**Hazard Statement:** Can cause skin, respiratory, and eye irritation

**Precautionary Statement:** Wear protective gloves, eye, and respiratory protection. Avoid breathing dust.

## Section 3: Composition Information

Chemical Name	Common Name	CAS Number	%
Quartz (Silica)	SiO <sub>2</sub>	14808-60-7	<3
Kaolinite	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	1318-74-7	>75
Anatase	TiO <sub>2</sub>	1317-70-0	<3
Hematite	Fe <sub>2</sub> O <sub>3</sub>	1317-60-8	20

## Section 4: First-Aid Measures

**Eye Contact:** If eye contact occurs, rinse immediately with plenty of water. If irritation persists, seek medical attention

**Skin Contact:** Wash thoroughly with water. If irritation persists, seek medical attention

**Inhalation:** Move victim to fresh air in well ventilated area. If coughing or irritation persists, seek medical attention

**Ingestion:** Consult physician and/or obtain competent medical assistance

## Section 5 Fire Fighting Measures

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**General Fire Hazards:** Not flammable

**Extinguishing Media:** Use appropriate extinguishing media for surrounding fire

**Special Fire Fighting Procedure:** None

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## Section 6: Accidental Release Measures

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**Clean-up Methods:** When dust is generated it may over expose cleanup personnel to dust. Using respirators or wetting the material is recommended. When dry sweeping use NIOSH approved respirators when dust levels exceed exposure limits

**Personal Precautions and Personal Protective Equipment:** Wear appropriate protective equipment and clothing during clean-up. If dusty conditions exist use approved respirators.

**Environmental Precautions:** Material is a natural mineral product and will not cause adverse effects to the water system other than turbidity from suspended particles.

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## Section 7: Handling and Storage

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**Handling Procedures:** Wear the appropriate eye protection and avoid dust contact with eyes. Minimize dust generation and accumulation. Wear the appropriate respiratory protection when in poorly ventilated areas. Use good industrial hygiene practices.

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## Section 8: Exposure Controls/Personal Protection

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**Airborne Exposure Limits:**

Silica component limit to 0.1 mg/m<sup>3</sup>

NIOSH: PEL TWA 10 mg/m<sup>3</sup> (total dust) mg/m<sup>3</sup> (respirable)

OSHA: PEL TWA 15 mg/m<sup>3</sup> (total dust) mg/m<sup>3</sup> (respirable)

**Engineering Measures:** Use local exhaust ventilation to control exposure below applicable limits

**Personal Protective Equipment (PPE):**

**Respiratory:** Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used. Respirator and/or filter cartridge selection should be based on the ANSI Standard Z88.2.

**Eyes:** When working around activities where dust can contact the eyes, wear safety glasses or goggles to avoid eye irritation or injury. Wearing contacts without sealing goggles is not recommended.

**Skin and Body:** Protective Clothing is not essential

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## Section 9: Physical and Chemical Properties

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<b>Appearance:</b> Red	<b>Odor:</b> none
<b>Physical state:</b> Powder	<b>Odor threshold:</b> No data Available
<b>pH:</b> No data available	<b>Flashpoint:</b> NA
<b>Melting/Freezing Point:</b> no data available	<b>Boiling Point:</b> NA
<b>Evaporation Rate:</b> NA	<b>Flammability:</b> Not Flammable
<b>Vapor Pressure (mm HG):</b> 0 (approximately)	<b>Vapor Density:</b> NA
<b>Relative density:</b> NA	<b>Specific Gravity:</b> No data available
<b>Solubility in water at 100 C:</b> 0 (approximately)	<b>Partition coefficient:</b> No data available
<b>Decomposition temperature:</b> no data available	<b>Auto-ignition temperature:</b> NA

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Viscosity: NA

## Section 10: Stability and Reactivity

**Reactivity:** No dangerous reactions are known under normal conditions of use

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions and Conditions to Avoid:** None known

**Incompatibility:** None Known

## Section 11: Toxicological Information

**Possible Health Effects:**

**Target Organs:** Skin, Eyes, and Respiratory system

**Exposure Routes:** Inhalation, skin or eye contact

**Symptoms:**

**Short Term:** Shortness of breath and/or coughing associated with dust inhalation.

**Long Term:** Steady and prolonged exposure to dust concentrations high than LTV without approved respirator could cause silicosis, a chronic disease of the lungs marked by acute fibrosis, may cause cancer based on animal data.

**Warning:** This product contains respirable sized crystalline silica, a chemical known to the state of California to cause Cancer. Compliance with all warnings concerning this material is required.

## Section 12: Ecological Information

This material is not expected to be harmful to aquatic life

## Section 13: Disposal Considerations

From a waste perspective, this product is not considered hazardous and may be disposed of as a solid waste in accordance with applicable federal, state, and local regulations.

## Section 14: Transport Information

Not regulated as a hazardous material by DOT

## Section 15 Regulatory Information

Not Regulated

## Section 16: Other Information

Revisions: Existing MSDS revised to new GHS format. Revision Date 05/18/2015



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