



# Safety Data Sheet

## \*\*\* Section 1 - Product and Company Identification \*\*\*

**Material Name:** Natural Sand or Gravel, Natural fine & coarse Aggregate  
**Synonyms:** Sand and Gravel

### Manufacturer Information

CALPORTLAND COMPANY  
2025 E. Financial Way  
Glendora, CA 91741  
Phone: 626-852-6200  
[www.calportland.com](http://www.calportland.com)

## \*\*\* Section 2 - Hazards Identification \*\*\*

### GHS Classification:

Acute Toxicity Oral - Category 4  
Skin Corrosion/Irritation - Category 2  
Eye Damage/Irritation - Category 2B  
Carcinogenicity - Category 1A  
Specific Target Organ Toxicity Repeat Exposure - Category 1

### GHS LABEL ELEMENTS

#### Symbol(s)



#### Signal Word

Danger

#### Hazard Statements

Harmful if swallowed.  
Causes skin and eye irritation.  
May cause cancer.  
Causes damage to organs (lungs) through prolonged or repeated exposure.

#### Precautionary Statements

##### Prevention

Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust.

# Safety Data Sheet

**Material Name: Natural Sand or Gravel, Natural fine & coarse Aggregate**

## Response

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

## Storage

Store in an appropriate container or containment structure.

## Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
Not Available	Sand and Gravel	97-99
14808-60-7	Quartz	>1

## Component Information/Information on Non-Hazardous Components

### General Product Information

Trace Elements: These materials are mined from the earth. Trace amounts of naturally occurring elements might be detected during chemical analysis of these materials.

### \*\*\* Section 4 - First Aid Measures \*\*\*

#### First Aid: Eyes

Immediately flush eyes thoroughly with water. Call physician if irritation persists.

#### First Aid: Skin

Wash skin with soap and water. Call physician if irritation persists.

#### First Aid: Ingestion

Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician for medical advice.

#### First Aid: Inhalation

Remove to fresh air. Seek medical help if coughing and other symptoms do not subside.

### \*\*\* Section 5 - Fire Fighting Measures \*\*\*

#### General Fire Hazards

See Section 9 for Flammability Properties.

None

#### Hazardous Combustion Products

None

#### Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

#### Unsuitable Extinguishing Media

None

# Safety Data Sheet

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## Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

### \*\*\* Section 6 - Accidental Release Measures \*\*\*

## Recovery and Neutralization

Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8.

## Materials and Methods for Clean-Up

Vacuum cleaning is the preferred method for the dry fine materials. Avoid dry sweeping which creates dust. Apply water spray to prevent airborne dust. Scrape up wet material and place in an appropriate container.

## Emergency Measures

Isolate area. Keep unnecessary personnel away.

## Personal Precautions and Protective Equipment

Wear appropriate protective equipment and clothing during clean-up.

## Environmental Precautions

None

## Prevention of Secondary Hazards

None

### \*\*\* Section 7 - Handling and Storage \*\*\*

## Handling Procedures

Wash thoroughly after exposure to dust. Promptly remove dusty clothing and laundry before reuse.

## Storage Procedures

Normal temperatures and pressures do not affect the material.

## Incompatibilities

None

# Safety Data Sheet

Material Name: Natural Sand or Gravel, Natural fine & coarse Aggregate

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Component Exposure Limits

#### Quartz (14808-60-7)

ACGIH:	0.025 mg/m3 TWA (respirable fraction)
OSHA	0.1 mg/m3 TWA (respirable dust)
(Vacated):	
NIOSH:	0.05 mg/m3 TWA (respirable dust)
Alberta:	0.025 mg/m3 TWA (respirable particulate)
British Columbia:	ACGIH Category A2 - Suspected Human Carcinogen; IARC Category 1 - Human Carcinogen
Manitoba:	0.025 mg/m3 TWA (respirable fraction)
New Brunswick:	0.1 mg/m3 TWA (respirable fraction)
NW Territories:	0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass)
Nova Scotia:	0.025 mg/m3 TWA (respirable fraction)
Nunavut:	0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass)
Ontario:	0.10 mg/m3 TWA (respirable fraction) 0.10 mg/m3 TWA (designated substance regulation, respirable)
Quebec:	0.1 mg/m3 TWAEV (respirable dust)
Saskatchewan:	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline)
Yukon:	300 particle/mL TWA (listed under Silica)

### Engineering Measures

Use local exhaust or general dilution ventilation to control exposure within applicable limits.

### Personal Protective Equipment: 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 in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.

### Personal Protective Equipment: Hands

Where prolonged exposure to products might occur, wear impervious gloves to eliminate skin contact.

### Personal Protective Equipment: Eyes

When engaged in activities where ingredients could contact the eye, wear safety glasses with side shields or goggles. In extremely dusty environments and unpredictable environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when working with ingredients.

### Personal Protective Equipment: Skin and Body

Normal work clothing (long sleeved shirts and long pants) is recommended.

# Safety Data Sheet

Material Name: Natural Sand or Gravel, Natural fine & coarse Aggregate

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Granular Mixture - Various colors	<b>Odor:</b>	No Distinct Odor
<b>Physical State:</b>	Solid	<b>pH:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable	<b>Vapor Density:</b>	Not Applicable
<b>Boiling Point:</b>	Not Applicable	<b>Melting Point:</b>	Not Applicable
<b>Solubility (H2O):</b>	Not Applicable	<b>Specific Gravity:</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable	<b>VOC:</b>	Not Applicable
<b>Octanol/H2O Coeff.:</b>	Not Applicable	<b>Flash Point:</b>	None
<b>Flash Point Method:</b>	Not Applicable	<b>Upper Flammability Limit (UFL):</b>	None
<b>Lower Flammability Limit (LFL):</b>	None	<b>Burning Rate:</b>	None
<b>Auto Ignition:</b>	None		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Hazardous Reaction Potential

Will not occur.

### Conditions to Avoid

None

### Incompatible Products

None

### Hazardous Decomposition Products

None

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Toxicity

### Component Analysis - LD50/LC50

Quartz (14808-60-7)

Oral LD50 Rat 500 mg/kg

### Potential Health Effects: Skin Corrosion Property/Stimulativeness

This product can cause abrasion and irritation to the skin.

### Potential Health Effects: Eye Critical Damage/ Stimulativeness

Exposure to airborne dust during the handling of this product may cause immediate or delayed irritation.

### Potential Health Effects: Ingestion

This product can cause gastrointestinal irritation if ingested.

### Potential Health Effects: Inhalation

The ingredients in this product could contain crystalline silica. Exposure to these ingredients in excess of the applicable TLV or PEL may cause or aggravate other lung conditions. Exposure may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system.

# Safety Data Sheet

**Material Name: Natural Sand or Gravel, Natural fine & coarse Aggregate**

## Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any sensitization effects.

## Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

## Carcinogenicity

### A: General Product Information

May cause cancer.

Exposures to respirable crystalline silica are not expected during the normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease and/or lung cancer. IARC states that crystalline silica in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1).

### B: Component Carcinogenicity

#### Quartz (14808-60-7)

ACGIH: A2 - Suspected Human Carcinogen

NIOSH: potential occupational carcinogen

NTP: Known Human Carcinogen (respirable size) (Select Carcinogen)

IARC: Monograph 100C [2012] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources); Monograph 68 [1997] (Group 1 (carcinogenic to humans))

## Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

## Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any single exposure specific target organ toxicity effects.

## Specified Target Organ General Toxicity: Repeated Exposure

Causes damage to organs (lungs) through prolonged or repeated exposure.

## Aspiration Respiratory Organs Hazard

This product is not reported to have any aspiration hazard effects.

## \* \* \* Section 12 - Ecological Information \* \* \*

## Ecotoxicity

### A: General Product Information

This product is not reported to have any ecotoxicity effects. Dust can cause soiling and damage sensitive vegetation after prolonged exposure. Aggregates are classified inert and not considered to pose ecological concern.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

## Persistence/Degradability

No information available for the product.

## Bioaccumulation

No information available for the product.

## Mobility in Soil

No information available for the product.

# Safety Data Sheet

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## \*\*\* Section 13 - Disposal Considerations \*\*\*

### Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

## \*\*\* Section 14 - Transportation Information \*\*\*

### DOT/TDG Information

**Shipping Name:** Not Regulated

**Additional Info.:** Dry fine materials best transported by bulk tanker or sealed bags. Aggregates should be sheeted or conditioned with water to minimize dust.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### Regulatory Information

#### US Federal Regulations

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

#### State Regulations

#### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Quartz	14808-60-7	No	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

#### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Quartz	14808-60-7	1 %

#### Status under Workplace Hazardous Materials Information System (WHMIS), Canada

This product is considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore subject to the labeling and MSDS requirements of the Workplace Hazardous Materials Information System (WHMIS).

# Safety Data Sheet

**Material Name: Natural Sand or Gravel, Natural fine & coarse Aggregate**

## Status under Canadian Environmental Protection Act

Not Listed

## Additional Regulatory Information

## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Quartz	14808-60-7	Yes	DSL	EINECS

## \* \* \* Section 16 - Other Information \* \* \*

Hazardous Material Information System (HMIS):	<b>Health</b>	<b>0</b>
	<b>Flammability</b>	<b>0</b>
	<b>Physical Hazard</b>	<b>0</b>
	<b>Personal Protection</b>	<b>A</b>

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: Safety glasses, gloves

## Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

## Literature References

None

## Other Information

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