



Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier:

Product Name: RELEASE POWDER

Product Code:

Relevant identified uses of the substance or mixture

Uses advised against:

No additional information available

Details of the supplier of the safety data sheet

Manufacturer:

Super Stone Inc.
1251 Burlington Street
Opa-Locka, FL 33054
United States
www.superstone.com
(305) 681-3561

Telephone (General)

Emergency telephone number

(800) 424-9300 (Chemtrec) USA
+ 1 (703) 527-3887 (Chemtrec) International

Section 2: Hazards Identification

Classification of the substance or mixture

Physical Hazards	Not classified.
Health Hazards	Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 Lungs
Environmental Hazard	Not classified
OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements



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GHS-US labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms (GHS-US)



GHS08

Signal words (GHS-US):

Danger

Hazards statements (GHS-US):

H350 - May cause cancer

H373 - May cause damage to organs through prolonged or repeated exposure if inhaled

Precautionary statements (GHS-US)

Prevention:

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P261 – Avoid breathing dust

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P280: If in eyes: In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

P280: Wash with plenty soap and water. If skin irritation or rash occurs: Get medical advice/attention

P261: Avoid breathing dust/fumes, gas, mist, vapors, spray. IF INHALED: Remove victim to fresh



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air and keep at rest in a position comfortable for breathing.

Storage:

P405 Store locked up

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards

No other information available

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients								
Chemical Name	CAS Number	TSCA: United States	Canada (DSL)	Mexico	REACH registration number	OSHA Regulatory Status	WHMIS	Weight-%
Limestone	1317-65-3	Y	Y	Y	Exempt		D2A - Very toxic materials 0.1%	98.5
Stearic Acid	57-11-4	Y	Y	Y	Exempt		Non-controlled	0.75-1.5
Crystalline Silica, quartz (impurity)	14808-60-7	Y	Y	Y	Exempt	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)	D2A - Very toxic materials 0.1%	>0.1

Legend

X / Y: Complies - / N: Not Listed, Exempt



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Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:

When in doubt or if symptoms are observed, get medical advice.

First-aid measures after inhalation:

If affected, remove to fresh air. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if irritation persists or any discomfort, coughing or other symptoms continue or do not subside.

First-aid measures after skin contact:

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Get medical attention. In the event of any complaints or symptoms, avoid further exposure.

First-aid measures after eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

First-aid measures after ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If person is conscious, rinse out the mouth with water and give plenty of water to drink. Get medical attention immediately.

Aspiration hazard

Not an expected route of exposure.

Most important and effects, both acute and delayed

Symptoms:

Signs and symptoms may include coughing, gasping, choking and difficulty breathing.

Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice/attention. Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:



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Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO₂).

Unsuitable extinguishing media:

None known

Special hazards arising from the substance or mixture

Do not breathe dust.

Advice for firefighters

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-fighting measures In case of fire and/or explosion do not breathe fumes.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unauthorized personnel away. Use personal protection recommended in Section 8. Avoid dust formation. Ensure adequate ventilation.

For non-emergency personnel

Keep unauthorized personnel away.

For emergency responders

Keep unauthorized personnel away. Use personal protection recommended in

Environmental precautions

Avoid runoff to waterways and sewers.

Methods and material for containment and cleaning up

Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Small Spill: Vacuum or sweep material and place in a disposal container.

Reference to other sections

Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

Section 7: Handling and storage

Precautions for safe handling

Avoid exposure - obtain special instructions before use. Ensure adequate handling ventilation. Do not breathe dust. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. Store away from incompatible materials.



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Section 8: Exposure controls/personal protection

Control parameters

Occupational Exposure Limits

Limestone

OSHA - TWA	5 mg/m ³ TWA (respirable fraction) 15 mg/m ³ TWA (total dust)
OSHA - Final PELs -TWA	15 mg/m ³ TWA
Canada - Alberta - OEL - TWA	10 mg/m ³
Canada - British Columbia – OELSTELs	20 mg/m ³

Stearic Acid

ACGIH-TWA	10 mg/m ³
Canada - Alberta - OEL - TWA	10 mg/m ³

Crystalline Silica, quartz (impurity)

OSHA - TWA OSHA	Action level is: 0.025 mg/m ³ . OSHA TWA is: 0.05 mg/m ³ . TLV-TWA 8-hr respirable: 0.025 mg/m ³
ACGIH	
NIOSH A2 Potential occupational carcinogen	
NIOSH - TWAs	0.05 mg/m ³
Canada - Alberta - OEL - TWA	0.025 mg/m ³ TWA (respirable particulate)
Canada - British Columbia - OEL -	ACGIH Category A2 - Suspected Human Carcinogen
Designated Substances	IARC Category 1 - Human Carcinogen
Canada - Manitoba - OEL - TWA	0.025 mg/m ³ TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/m ³ TWA (respirable fraction)
Canada - Prince Edward Island - OEL - TWA	0.025 mg/m ³ TWA (respirable fraction)
Mexico OEL Data - TWA	Mexican Carcinogen Category: A2 (Suspected Human Carcinogen) TWA (VLE-PPT): 0.025 mg/m ³ . No information available

Biological Limit Values:

Exposure controls

Engineering Measures

Provide a good standard of controlled ventilation (10 to 15 air changes per hour).

Personal protective equipment



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Hand protection:

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Eye protection:

Safety glasses with side-shields should be worn especially in a dust environment. Use contact lenses solely is not recommended.

Skin and body protection:

Wear impervious and protective long sleeved and long legged clothing to protect the skin from contact with this product. Remove any clothing that becomes saturated with this product and thoroughly wash the exposed areas immediately.

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazard protection:

Wear suitable protection clothing

Hygiene Measures:

Follow general hygiene considerations recognized as common good workplace practices. The worker should wash daily at the end of each work shift, and prior to eating, drinking, smoking, etc.

Environmental Exposure Controls:

Dispose of in accordance with local regulations.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Physical State

Powder

Color

White

Odor

Odorless

Odor Threshold

No information available

pH

8.4 - 10.2 5% Water suspension

Melting point / Freezing point

Not applicable



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Boiling Point	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability limit:	
Lower flammability limit:	
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Relative Density	2.7 g/cm ³ @ 20°C
Water Solubility	1.3 g/l, 20° C
Solubility in other solvents	No information available
Partition coefficient	Not applicable
Autoignition Temperature	Not applicable
Decomposition Temperature	1292 - 1652 °F (700 - 900 °C)
Viscosity	Not applicable
Explosive Properties	Not applicable
Oxidizing Properties	Not applicable
Other information	
VOC Content (%)	Not applicable

Section 10: Stability and reactivity

Reactivity

None

Chemical Stability

Product is stable under normal storage conditions

Possibility of hazardous reactions

No specific hazard known

Conditions to Avoid

Incompatible materials

Incompatible Materials

Strong acids

Hazardous Decomposition Products

None known



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Section 11: Toxicological information

Information on toxicological effects

General Information

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation

Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis)

Eyes

Avoid contact with eyes. Dust contact with the eyes can lead to mechanical irritation.

Ingestion

Ingestion is not a likely route of exposure.

Aspiration hazard

Not an expected route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Contact with dust can cause mechanical irritation or drying of the skin. Dust may cause mechanical irritation to eyes. May cause irritation to mucous membrane and respiratory tract.

Limestone

Oral LD50 6450 mg/kg Rat

Stearic Acid

Oral LD50 4600 mg/kg (rat)

Crystalline Silica, quartz (impurity)

Oral LD50 500 mg/kg Rat Mouse

ACGIH

Group 2A - Probably Carcinogenic to Humans

IARC

Group 1 - Carcinogenic to Humans

Acute Toxicity

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Chronic Toxicity

Potential occupational carcinogen.

Chronic Effects

Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis).



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Respiratory Sensitization	Causes respiratory tract irritation if inhaled.
Serious eye damage/eye irritation	Dust may cause mechanical irritation to eyes.
Skin Corrosion/Irritation	Prolonged or repeated contact may dry skin and cause irritation.
Skin Sensitization	Prolonged or repeated contact may dry skin and cause irritation.
Germ cell mutagenicity	No information available.
Reproductive Effects	No information available.
Reproductive toxicity	No information available.
Carcinogenicity	Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).
Specific target organ toxicity Single exposure	May cause respiratory irritation.
Specific target organ toxicity Repeated exposure	May cause damage to organs through prolonged or repeated exposure if inhale Lungs.
Mixture versus substance information	No information available

Section 12: Ecological information

Ecotoxicity	Not considered to be harmful to aquatic life.
<u>Limestone</u>	
CAS Number 1317-65-3	
<u>Stearic Acid</u>	
CAS Number 57-11-4	
<u>Crystalline Silica, quartz (impurity)</u>	
CAS Number 14808-60-7	
Persistence and degradability	Not readily biodegradable.
Bioaccumulative potential	None.



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Partition coefficient	Not applicable.
Bioconcentration factor (BCF)	Not available.
Mobility in soil	None.
Results of PBT and vPvB assessment	This substance does not meet the criteria for classification as PBT or vPvB.
Other adverse effects	None known

Section 13: Disposal considerations

Waste treatment methods

Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste codes

Waste codes should be assigned by the user based on the application for which the product was used

Limestone

European Waste Catalog 10130414

Section 14: Transport information

The product is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) and therefore no classification is required.

Section 15: Regulatory information

Mode of Transportation (Road, Water, Air, Rail)

TDG -Canada	Not regulated
DOT	Not regulated
ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated
UN number	None



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UN proper shipping name None
Transport hazard class(es) None
Packing group None
Environmental hazards No
Special precautions for user Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
 Not applicable

Section 16: Other information

Global Inventories

Chemical Name	CAS Number	EC No	REACH registration number	Australia (AICS)	Canada (DSL)	China (IECSC)	Japan	South Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Limestone	1317-65-3	215-279-6	Exempt	Y	Y	Y	(1)-122	KE-21996	Y	Y	Y	Y	Y
Stearic Acid	57-11-4	200-313-4	Exempt	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Crystalline Silica, quartz (impurity)	14808-60-7	238-878-4	Exempt	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Legend

X / Y: Complies - / N: Not Listed Exempt

US Federal Regulations

EPA

CERCLA/SARA RQ

SARA Section 302 Extremely Hazardous Substances (EHS)

Not listed

SARA Section 304 CERCLA Hazardous Substances (RQ)

Not listed

SARA 311/312 Hazardous Categorization

Hazardous chemical Immediate health effects Delayed health effects

CAA (Clean Air Act)

Not regulated

CWA (Clean Water Act)

Not listed

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Limestone	1317-65-3		Y	Y		Y
Stearic Acid	57-11-4					
Crystalline Silica, quartz (impurity)	14808-60-7	Y	Y	Y		Y



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California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product contains a component currently on the California list of Known Carcinogens and Reproductive

Toxins. Respirable crystalline silica is known to the State of California to cause cancer.

CANADA WHMIS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations

(CPR) and the MSDS contains all the information required by the CPR

Chemical Name	WHMIS Hazard Class
Limestone	D2A
Crystalline Silica, quartz (impurity)	D2A

Notice to Reader

The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. **Super Stone Inc. makes no warranty, expressed or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Super Stone Inc.,** except that the product shall conform to Super Stone's specification.