



# SAFETY DATA SHEET

SL-150(TM)  
Revision Number 2

Revision date 17-Sep-2019  
Supersedes Date: 24-Mar-2017

## 1. Identification

### 1.1. Product Identifier

Product Name SL-150(TM)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Cement.  
Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

Bostik Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075

E-mail msds@bostik.com

### 1.4. Emergency telephone number

Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

##### Danger

##### Hazard statements

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
May cause cancer  
May cause respiratory irritation  
Causes damage to organs through prolonged or repeated exposure

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**Appearance** Powder

**Physical State** Solid

**Odor** No information available

## Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

## Precautionary Statements - Storage

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

## Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

## Hazards not otherwise classified (HNOC)

Not applicable

## Unknown acute toxicity

52 % of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

Product dust may be irritating to eyes, skin and respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical name	CAS No.	Weight-%
Quartz	14808-60-7	30 - 60

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Cement, alumina, chemicals	65997-16-2	10 - 30
Cement, portland, chemicals	65997-15-1	10 - 30
Limestone	1317-65-3	10 - 30
Calcium sulfate	7778-18-9	3 - 7
Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O)	13397-24-5	1 - 5

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
<b>Eye contact</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician.
<b>Skin contact</b>	Brush off loose particles from skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization in susceptible persons. May cause redness, itching, and pain. Causes serious eye damage.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization of susceptible persons. Treat symptomatically.
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### 4.4. Reference to Other Sections

<b>Reference to other sections</b>	Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Section 11: TOXICOLOGY INFORMATION
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media**  
Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable extinguishing media**  
None known.

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## 5.2. Special hazards arising from the substance or mixture

### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous combustion products** Carbon oxides.

### Explosion Data

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** None.

## 5.3. Advice for firefighters

### Special protective actions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid creating dust. Wear protective gloves/protective clothing and eye/face protection. Ensure adequate ventilation, especially in confined areas. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**For emergency responders** Sweep up to prevent slipping hazard.

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent dust cloud. Take up mechanically, placing in appropriate containers for disposal.

**Methods for cleaning up** Use personal protective equipment as required. Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

**Reference to other sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## **Section 7: HANDLING AND STORAGE**

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid generation of dust. Avoid contact with skin, eyes or clothing. After contact with skin, wash immediately with plenty of water and soap. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep out of the reach of children. Protect from direct contact with water or excessive

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moisture. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

**Incompatible materials** None known based on information supplied.

**7.3. Specific end use(s)**

**Specific Use(s)**  
Cement.

**Other information** No information available.

**7.4. References to Other Sections**

**Reference to other sections** Section 13: DISPOSAL CONSIDERATIONS  
Section 10: STABILITY AND REACTIVITY

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Exposure Guidelines**

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	TWA: 0.025 mg/m <sup>3</sup>
Cement, alumina, chemicals 65997-16-2	10 mg/m <sup>3</sup> (total; 5 mg/m <sup>3</sup> (resp)	-	-	-
Cement, portland, chemicals 65997-15-1	TWA: 1 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	IDLH: 5000 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction TWA: 50 mppcf <1% Crystalline silica	TWA: 1 mg/m <sup>3</sup>
Limestone 1317-65-3	No data available	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	-
Calcium sulfate 7778-18-9	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup>
Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O) 13397-24-5	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup>

Chemical name	Argentina	Brazil	Chile	Venezuela
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	-	TWA: 0.08 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>
Cement, portland, chemicals 65997-15-1	TWA: 10 mg/m <sup>3</sup>	-	TWA: 8.8 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	-	TWA: 7 mg/m <sup>3</sup>	-
Calcium sulfate 7778-18-9	TWA: 10 mg/m <sup>3</sup>	-	-	TWA: 10 mg/m <sup>3</sup>
Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O)	-	-	TWA: 8.8 mg/m <sup>3</sup>	-

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13397-24-5			
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## 8.2. Exposure controls

**Engineering controls**                      Showers  
   Eyewash stations  
   Ventilation systems.

### Personal protective equipment [PPE]

**Eye/face protection**                      Wear safety glasses with side shields (or goggles).  
**Skin and body protection**                Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.  
**Respiratory protection**                    If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.  
**General hygiene considerations**        Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Physical state**                                Solid  
**Appearance**                                 Powder  
**Color**                                         Gray  
**Odor**                                         No information available  
**Odor threshold**                             No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	No information available
Melting point / freezing point	Not applicable	.
Boiling point / boiling range	No data available	
Flash point	> 93.3 °C / > 200 °F	
Evaporation rate	Not applicable	.
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	Cement based products react and solidify in contact with water	
<b>Solubility in Other Solvents</b>		
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	Not applicable	.
Dynamic viscosity	Not applicable	.

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Explosive properties No information available  
Oxidizing properties No information available

## 9.2. Other information

Softening Point Not relevant  
Molecular weight No information available  
Solvent content (%) No information available  
Solid content (%) 100  
Density 2.600 g/cm<sup>3</sup>  
VOC Content (%) < .1 g/L

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

None known based on information supplied.

### 10.6. Hazardous decomposition products

None known based on information supplied.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

Product Information No data available  
Inhalation May cause irritation of respiratory tract.  
Eye contact Corrosive to eyes. Avoid contact with eyes.  
Skin contact Irritating to skin. May cause sensitization by skin contact.  
Ingestion No data available.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	>20000 mg/kg	-	-
Cement, alumina, chemicals 65997-16-2	LD50 >2000 mg/Kg Rat	LD50 >2000 mg/Kg Rat	-
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	-
Limestone 1317-65-3	>5000 mg/kg (Rattus)	-	-

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Calcium sulfate 7778-18-9	>3000 mg/kg (Rattus)	-	CL50 >2.61 mg/L (4h) Rat
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Symptoms</b>	No information available.
<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	Causes severe eye damage.
<b>Irritation</b>	Irritating to skin.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Developmental toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - single exposure</b>	May cause respiratory irritation.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure if inhaled.
<b>Chronic Toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
<b>Target organ effects</b>	Eyes, Lungs, Skin, Respiratory system.
<b>Aspiration hazard</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)  
A2 - *Suspected Human Carcinogen*  
IARC (International Agency for Research on Cancer)  
Group 1 - *Carcinogenic to Humans*  
NTP (National Toxicology Program)  
Known - *Known Carcinogen*  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
X - *Present*

**Section 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Cement, alumina, chemicals 65997-16-2	EC50 (72h)Algae (Pseudokirchneriella subcapitata) >5.6mg/L	LC50 (96h) (Onchorhynchus mykiss) >100 mg/L (OECD 203)		EC50 (48h) Daphnia magna =6.6mg/L (OECD 202)
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmondasmus subspicatus)	CL50 (96h)>10000mg/L (Oncorhynchus mykiss)		CE50 (48h) >1000 mg/L Daphnia Magna
Calcium sulfate 7778-18-9	CL50 (72h) >100 mg/L Algae	LC50: =2980mg/L (96h, Lepomis macrochirus) LC50: >1970mg/L (96h, Pimephales promelas)		CE50 (48h) >100 mg/L (Daphnia magna)

**12.2. Persistence and degradability**

No information available.



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## 12.3. Bioaccumulative potential

No information available.

## 12.4. Mobility in soil

No information available.

## Other adverse effects

No information available

## **Section 13: DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

#### **Disposal of Wastes**

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

#### **Contaminated packaging**

Dispose of in accordance with federal, state and local regulations

## **Section 14: TRANSPORT INFORMATION**

DOT Not regulated

IATA Not regulated

IMDG Not regulated

## **Section 15: REGULATORY INFORMATION**

### Global Inventories

<u>TSCA</u>	Listed
<u>DSL</u>	Listed

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### United States of America

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

Classification is shown in section 2 of this SDS

### Europe

#### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

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This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation

**SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

**Key or legend to abbreviations and acronyms used in the safety data sheet**

No information available

**Key Literature References and Sources for Data**

No information available

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision date</b>	17-Sep-2019
<b>Revision note</b>	SDS sections updated, 1, 2, 4, 5, 6, 7, 8, 11, 15, 16.
<b>Training Advice</b>	No information available
<b>Further information</b>	No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**