



# Safety Data Sheet

G00750-LFF  
LARGE FMT FLR wht Bg50LB/P48

Revision Date 17-Jan-2017  
Supersedes Date: 02-Sep-2016  
Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

Product Name LARGE FMT FLR wht Bg50LB/P48  
Product Code G00750-LFF

Product(s) Covered See section 16 for more information

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use No information available.  
Uses Advised Against No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Company Name

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  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

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

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Acute toxicity - Oral	Category 4
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

Harmful if swallowed  
Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction

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May cause cancer  
May cause respiratory irritation  
Causes damage to organs through prolonged or repeated exposure



**Appearance** Powder

**Physical State** Solid

**Odor** Odorless

## 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  
Do not eat, drink or smoke when using this product  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves  
Do not breathe dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see first aid measures on this label)  
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.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

## 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 Toxicity

95% 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

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## 3.1 Substances

Mixture

## 3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Quartz	14808-60-7	40 - 70
Cement, portland, chemicals	65997-15-1	15 - 40
Limestone	1317-65-3	1 - 5
Calcium oxide	1305-78-8	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>	If medical advice is needed, have product container or label at hand.
<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. If symptoms persist, call a physician.
<b>Skin Contact</b>	Brush off loose particles from skin. Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician. May cause sensitization by skin contact.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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

**Symptoms** No information available.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to physicians** May cause sensitization of susceptible persons. Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to Other Sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 11: TOXICOLOGY INFORMATION

## 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.

### 5.2. Special Hazards Arising from the Substance or Mixture

**Specific Hazards Arising from the Chemical**

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Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**  
**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

### 5.3. Advice for Firefighters

#### **Protective Equipment and Precautions for Firefighters**

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. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

**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** Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

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

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

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## 7.3. Specific End Use(s)

**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: 0.1 mg/m <sup>3</sup>
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: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>
Limestone 1317-65-3	-	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> STEL: 20 mg/m <sup>3</sup>
Calcium oxide 1305-78-8	TWA: 2 mg/m <sup>3</sup>	IDLH: 25 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 2 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 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	-	TWA: 8 mg/m <sup>3</sup>	-
Calcium oxide 1305-78-8	TWA: 2 mg/m <sup>3</sup>	-	TWA: 1.6 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>

### 8.2. Exposure Controls

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

#### Personal protective equipment [PPE]

**Eye/Face Protection** Tight sealing safety goggles. Face protection shield. 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

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**Respiratory Protection** depend on the material, but also on further marks of quality and various manufacturers. 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** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Appearance	Powder
Color	No information available
Odor	Odorless
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	> 93.3 °C / > 200 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents		
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

### 9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100
Density	1.36 g/cm <sup>3</sup>
VOC	No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical Stability

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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

<b>Product Information</b>	No Data Available
<b>Inhalation</b>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	= 500 mg/kg ( Rat )	-	-
Limestone 1317-65-3	>5000 mg/kg (rat)	-	-
Calcium oxide 1305-78-8	>2000 mg/kg ( Rat )	LD50 > 2500 mg/kg (rabbit)	-

### 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>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<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>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
<b>Target Organ Effects</b>	Eyes, Lungs, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

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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
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h) >10000mg/L Fish (Oncorhynchus mykiss)		CE50 (48h) >1000 mg/L Daphnia Magna
Calcium oxide 1305-78-8		LC50 96 h = 50.6 mg/L (Oncorhynchus mykiss)		

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5 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: TRANSPORTATION INFORMATION

### DOT

Not regulated



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IATA Not regulated

IMDG Not regulated

## Section 15: REGULATORY INFORMATION

### Global Inventories

TSCA	Listed
DSL	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.

### Canada

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

#### WHMIS Hazard Class

D2A - Very toxic materials



### 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

Acute Health Hazard	yes
Chronic Health Hazard	yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No.
Quartz	14808-60-7

### Europe

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

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.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with

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## Article 59

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

### Product(s) Covered

**HMIS**                      **Health Hazards 2\***                      **Flammability 1**                      **Physical Hazards 0**                      **Personal Protection X**

### 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

**Prepared By**    Product Safety & Regulatory Affairs

**Revision Date**    17-Jan-2017

**Revision Note**    SDS sections updated, 2, 3, 4, 5, 8, 11, 12, 15.

**Training Advice**    No information available

**Additional information**    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 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**