



# SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

XL BRANDS LP-1  
Revision Number 3

Revision date 22-Sep-2020  
Supersedes date Not applicable

## 1. Identification

### 1.1. Product identifier

Product Name XL BRANDS LP-1

### Other means of identification

Other information Not applicable

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

Recommended use Cement  
Restrictions on use 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) 726-7845 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)

E-mail msds@bostik.com

### 1.4. Emergency telephone number

Emergency Telephone CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
Rocky Mountain Poison Center: 1-866-767-5089

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

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

### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

#### EMERGENCY OVERVIEW

#### Danger

#### Hazard statements

Causes serious eye irritation  
May cause an allergic skin reaction  
May cause cancer  
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  
Wash face, hands and any exposed skin thoroughly after handling  
Contaminated work clothing must not be allowed out of the workplace  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product  
Wear protective gloves/eye protection/face protection

## Precautionary Statements - Response

Get medical advice/attention if you feel unwell  
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  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## 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.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Calcium sulfate hemihydrate	10034-76-1	30 - 60
Quartz	14808-60-7	15 - 40
Cement, portland, chemicals	65997-15-1	1 - <5
Cement, alumina, chemicals	65997-16-2	1 - <5

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

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## 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. Take a copy of the Safety Data Sheet when going for medical treatment.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Eye contact</b>	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Do not rub affected area. Keep eye wide open while rinsing. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Brush off loose particles from skin. Remove material from skin immediately. Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

<b>Symptoms</b>	Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of respiratory system. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. 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.
<b>Effects of Exposure</b>	No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization in susceptible persons. Treat symptomatically.
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## 5. Fire-Fighting Measures

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.

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

<b>Specific hazards arising from the chemical</b>	Product is or contains a sensitizer. May cause sensitization by skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.
<b>Hazardous combustion products</b>	Sulfur oxides. Silicon dioxide.

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## Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

## 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

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

**Personal precautions** Use personal protective equipment as required. Avoid generation of dust. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**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. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry.

**Methods for cleaning up** Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Clean contaminated surface thoroughly.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid generation of dust. Ensure adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Protect from moisture.

### 7.3 References to other sections



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## 8.2. Exposure controls

### Appropriate engineering controls

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

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Face protection shield. If splashes are likely to occur. Avoid contact with eyes.

**Hand 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.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## **9. Physical and chemical properties**

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

<b>Physical state</b>	Solid
<b>Appearance</b>	Powder
<b>Color</b>	Gray
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	.	None known
<b>pH (as aqueous solution)</b>	No data available	
<b>Melting point / freezing point</b>	Not applicable .	
<b>Initial boiling point and boiling range</b>	Not applicable .	
<b>Flash point</b>	> 93.3 / >200	
<b>Evaporation rate</b>	Not applicable .	
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known

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Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	Not applicable .	
Dynamic viscosity	.	None known

## 9.2. Other information

Explosive properties	No information available	
Oxidizing properties	No information available	
Solvent content (%)	No information available	
Solid content (%)	100	
Softening point	Not relevant	
Molecular weight	No information available	
VOC content		No information available
Liquid Density	0.87 g/cm <sup>3</sup>	
Bulk density	No information available	

## **10. Stability and reactivity**

### 10.1. Reactivity

Reactivity Product cures with moisture.

### 10.2. Chemical stability

Chemical stability Keep away from Incompatible materials. Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture.

### 10.5. Incompatible materials

Incompatible materials Strong oxidizing agents. Acids. Aluminum.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied

## **11. Toxicological information**

### 11.1. Information on toxicological effects

#### Product Information

Inhalation	May cause irritation of respiratory tract.
Eye contact	Causes serious eye irritation. May cause redness, itching, and pain.
Skin contact	May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause irritation. Prolonged contact may

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cause redness and irritation.

## Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## Symptoms related to the physical, chemical and toxicological characteristics

### Symptoms

Itching. Rashes. Hives. May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation.

### Acute toxicity

#### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapor)	>20 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	=6450 mg/kg (Rattus)	-	-
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	-
Cement, alumina, chemicals 65997-16-2	LD50 >2000 mg/Kg Rat	LD50 >2000 mg/Kg Rattus	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

### Skin corrosion/irritation

Classification based on data available for ingredients. Causes mild skin irritation.

### Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes serious eye irritation.

### Respiratory or skin sensitization

May cause an allergic skin reaction.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

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

### Legend

**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



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Occupational Safety and Health Administration of the US Department of Labor  
*X - Present*

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Target organ effects</b>	Respiratory system, Eyes, Skin, Lungs.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other adverse effects</b>	No information available.
<b>Interactive effects</b>	No information available.

## 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

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) (Onchorhyncus mykiss) >100 mg/L (OECD 203)	-	EC50 (48h) Daphnia magna =6.6mg/L (OECD 202)

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

### 12.4. Mobility in soil

**Mobility** No information available.

#### Other adverse effects

**Other adverse effects** No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

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**Waste from residues/unused products** 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.

## 14. Transport information

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory information

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Not Listed

**Legend:**

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

**DSL** - Canadian Domestic Substances List

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

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

### US Federal Regulations

#### **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**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

## 16. Other information

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

#### **Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

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

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TWA Ceiling	TWA (time-weighted average) Maximum limit value	STEL SK*	STEL (Short Term Exposure Limit) Skin designation
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Prepared By Product Stewardship and Regulatory Affairs.

Revision date 22-Sep-2020

Revision Note SDS sections updated. 1. 2. 3. 4. 5. 6. 7. 8. 11.

## Disclaimer

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The Company adheres to a strict policy that applies to the use of any of its products in medical device applications. This policy can be found at

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**End of Safety Data Sheet**