



SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

WEBCRETE(R) 95
Revision Number 4

Revision date 13-Dec-2023
Supersedes Date: 02-Jan-2020

1. Identification

1.1. Product identifier

Product Name WEBCRETE(R) 95

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

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

Hazards not otherwise classified (HNOC)

Not applicable

2.2. Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Causes skin irritation
Causes serious eye damage

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



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
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
Specific treatment (see .? 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

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

4 % of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

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. Product dust may be irritating to eyes, skin and respiratory system. Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

3.1. Substances

Not applicable.

Mixture

US - EN

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Chemical name	CAS No.	Weight-%
Limestone	1317-65-3	30 - 60
Cement, alumina, chemicals	65997-16-2	10 - 30
Cement, portland, chemicals	65997-15-1	10 - 30
Calcium sulfate dihydrate	10101-41-4	1 - <5
Quartz	14808-60-7	1 - <5
Gypsum (Ca(SO ₄).2H ₂ O)	13397-24-5	1 - <5

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

4. First-aid measures

4.1. Description of first aid measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not rub affected area. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin contact	Brush off loose particles from skin. Wash off immediately with plenty of water for at least 15 minutes. May cause sensitization by skin contact. May cause an allergic skin reaction.
Ingestion	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or physician immediately.
Self-protection of the first aider	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

Symptoms	Burning sensation. Itching. Rashes. Hives. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of respiratory system.
Effects of Exposure	No information available.

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

Note to physicians	May cause sensitization in susceptible persons. May cause sensitization by skin contact. Treat symptomatically.
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5. Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the	Product is or contains a sensitizer. May cause sensitization by skin contact. Thermal
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chemical 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

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

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 Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Prevent dust cloud.

Methods for cleaning up Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. 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. Avoid generation of dust. Ensure adequate ventilation. Avoid contact with skin and eyes. Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep the packing dry and well sealed to prevent contamination and

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absorption of humidity. Protect from moisture.

7.3 References to other sections

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

8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Limestone 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Cement, alumina, chemicals 65997-16-2	10 mg/m ³ (total; 5 mg/m ³ (resp)	-	-
Cement, portland, chemicals 65997-15-1	TWA: 1 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction TWA: 50 mppcf <1% Crystalline silica	IDLH: 5000 mg/m ³ TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Calcium sulfate dihydrate 10101-41-4	TWA: 10 mg/m ³ inhalable particulate matter	-	-
Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Gypsum (Ca(SO ₄).2H ₂ O) 13397-24-5	TWA: 10 mg/m ³ inhalable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

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Chemical name	Argentina	Brazil	Chile	Colombia
Limestone 1317-65-3	TWA: 10 mg/m ³	-	LPP: 7 mg/m ³ LPP: 5 mg/m ³	-
Cement, portland, chemicals 65997-15-1	TWA: 10 mg/m ³	TWA: 1 mg/m ³	LPP: 8.8 mg/m ³	TWA: 1mg/m ³
Calcium sulfate dihydrate 10101-41-4	-	TWA: 10 mg/m ³	-	TWA: 10mg/m ³
Quartz 14808-60-7	TWA: 0.05 mg/m ³	TWA: 0.025 mg/m ³	LPP: 0.08 mg/m ³	TWA: 0.025mg/m ³
Gypsum (Ca(SO ₄).2H ₂ O) 13397-24-5	-	TWA: 10 mg/m ³	LPP: 8.8 mg/m ³	TWA: 10mg/m ³

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Cement, portland, chemicals 65997-15-1	TWA: 1mg/m ³	TWA: 10mg/m ³	1 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	TWA: 10 mg/m ³
Calcium sulfate dihydrate 10101-41-4	TWA: 10mg/m ³	-	10 mg/m ³ TWA (inhalable particulate matter, listed under Calcium sulfate)	-
Quartz 14808-60-7	TWA: 0.025mg/m ³	TWA: 0.05mg/m ³	0.025 mg/m ³ TWA (respirable particulate matter)	TWA: 0.025 mg/m ³
Gypsum (Ca(SO ₄).2H ₂ O) 13397-24-5	TWA: 10mg/m ³	-	10 mg/m ³ TWA (inhalable particulate matter, listed under Calcium sulfate)	-

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 Tight sealing safety goggles. 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 Use appropriate respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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

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contact with skin, eyes or clothing. Wash thoroughly after handling. Regular cleaning of equipment, work area and clothing is recommended.

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	No data available	
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	Not applicable .	
Initial boiling point and boiling range	Not applicable .	
Flash point	> 93.3 °C / 200 °F	
Evaporation rate	Not applicable .	
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available Cement based products react and solidify in contact with water	
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 . mm ² /s	
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	< 0.1 g/L	No information available
Density	2.600 g/cm ³	
Bulk density	No information available	

10. Stability and reactivity

10.1. Reactivity

Reactivity	Product cures with moisture.
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10.2. Chemical stability

Chemical stability 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 acids. Strong bases. 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 damage. May cause irreversible damage to eyes.

Skin contact May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Causes skin irritation.

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

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

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
Limestone	>5000 mg/kg (Rattus)	-	-

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1317-65-3			
Cement, alumina, chemicals 65997-16-2	LD50 >2000 mg/Kg Rat	LD50 >2000 mg/Kg Rattus	-
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	-
Quartz 14808-60-7	=6450 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 skin irritation.

- Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

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

- Reproductive toxicity** Based on available data, the classification criteria are not met.

- STOT - single exposure** Based on available data, the classification criteria are not met.

- STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

- Target organ effects** Eyes, Skin, Lungs, Heart, Respiratory system.

- Aspiration hazard** Based on available data, the classification criteria are not met.

- Other adverse effects** No information available.

- Interactive effects** No information available.

12. Ecological information

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12.1. Toxicity

Ecotoxicity

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 (Oncorhynchus mykiss)	-	CE50 (48h) >1000 mg/L Daphnia Magna
Cement, alumina, chemicals 65997-16-2	EC50 (72h)Algae (Pseudokirchneriella subcapitata) >5.6mg/L	LC50 (96h) (Oncorhynchus 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.

Component Information

Chemical name	Partition coefficient
Limestone 1317-65-3	0.9

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

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

Note: Keep from freezing

DOT Not regulated

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IATA Not regulated

IMDG Not regulated

15. Regulatory information

International 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.

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.

Europe

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

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

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)

16. Other information

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

Prepared By Product Safety & Regulatory Affairs.

Revision date 13-Dec-2023

Revision Note No information available.

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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 <https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/> which is incorporated herein by reference and made a part hereof. Except as expressly authorized, the Company (i) has designated specific medical grade compositions for products used in medical device applications and Company products not so designated are not authorized for use in medical device applications and (ii) strictly prohibits the use of any of its products in medical device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. The Company does not design, manufacture and/or directly sell any medical devices. The Company does not co-design, or offer assistance to any purchaser of its products, in their design, manufacture and/or sale of products for medical devices. It is the sole responsibility of the manufacturer of medical devices to determine the suitability of all raw material, products and components, including any medical grade products, in order to ensure that the medical device is safe for end-use and complies with all applicable legal and regulatory requirements and to conduct all necessary tests and inspections.

End of Safety Data Sheet