



Safety Data Sheet ProLong L

Revision date: January 2, 2020

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: ProLong L (Hydration Stabilizing Concrete Admixture)
Synonyms: None
Chemical family: Specialty Products
Producer: Premiere Concrete Admixtures
508 Cedar Street
Pioneer, Ohio 43554
www.premiereadmixon.com

Telephone: 419-737-9808 Available during normal business hours

Emergency: CHEMTREC 800-424-9300 Available 24 hours

Section 2. HAZARDS IDENTIFICATION

GHS Hazards, Label Elements, and Precautionary Statements

DANGER — Causes Severe Skin Burns and Eye Damage (category 1), H314



Precautionary Statements

Inhalation: Do not breathe mist. Inhalation of airborne mist may damage the upper respiratory tract.

Ingestion: Ingestion is not anticipated in an industrial environment. If ingested, get immediate first aid (Section 4).

Skin contact: Wear protective gloves and protective clothing, (Section 8). Skin contact with liquid or mist from this product can damage the skin and mucous membranes. Get immediate first aid (Section 4).

Eye contact: Wear eye and face protection (Section 8). Exposure to mist or liquid can cause eye damage.

Chronic: This product is not known to pose any chronic health hazards.

Carcinogenic evaluation: No component of this product present at levels greater than 0.1 % is identified as a known, suspected or potential carcinogen by the NTP, the IARC or OSHA.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information:

Name	CAS No.	Weight %
Glucono Delta Lactone	90-80-2	15-20*

***Note:** The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary.

Section 4. FIRST AID MEASURES

- Inhalation:** Move exposed persons to fresh air. If the person is not breathing or breathing is irregular, provide artificial respiration or oxygen by trained personnel. Seek medical attention.
- Skin contact:** Quickly remove contaminated clothing and shoes. Wash affected skin with soap and water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. Seek medical attention.
- Ingestion:** Do not induce vomiting unless instructed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth with water. Call a physician or poison control center immediately.
- Eye contact:** Check for and remove any contact lenses. Flushing eyes with tepid water lifting upper and lower lids for 15 minutes. Seek medical attention.

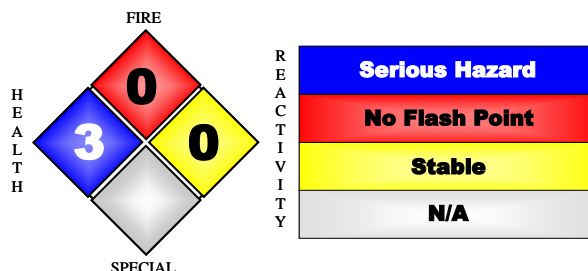
Section 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards: Thermal decomposition can lead to release of irritating gases and vapors.

Special protective equipment for firefighters: As with any fire, wear self-contained breathing apparatus and full protective gear.

	NFPA rating:	HMIS rating:
Health:	3	3
Flammability:	0	0
Instability/reactivity:	0	0
Other:	N/A	B (PPE)



Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately contact emergency personnel. Avoid mist formation. Avoid breathing vapors or mist. Ensure adequate ventilation.
Large Spill:	Do not let product enter drains. Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120.
Methods for Containment and Clean up	Avoid creating or breathing mist or vapors. Absorb with inert material and keep in a suitable, closed container for disposal. Wear personal protective equipment (Section 8).

Section 7. HANDLING AND STORAGE

Handling:	Keep containers closed when not in use. Avoid formation of mist and aerosols.
Storage:	Keep from freezing. The average shelf life is 18 months. Do not store with incompatible materials. See Section 10, Stability and Reactivity.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Name	CAS No.	Exposure Limits TWA ^A		
		ACGIH® TLV®	Federal OSHA PELs	OSHA PELs 1989 ^B
Glucono Delta Lactone	90-80-2	Not Established	Not Established	Not Established

All exposure limits listed are 8-hour time weighted average (TWA) — except where noted otherwise.

^A Time Weighted Average (TWA) is an average exposure over the course of an 8-hour work shift.

^B Federal OSHA 1989 PELs were vacated but are in use and enforced by many state OSHA plans.

Engineering measures: General ventilation is acceptable if exposure to materials in this section does not create symptoms listed in Section 2. Since no exposure limits exist, provide local exhaust ventilation according to general industrial hygiene practices if symptoms appear.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: When engineering controls are not sufficient to reduce exposure to levels below applicable exposure limits, seek professional advice prior to respirator selection and use.

Skin and body protection: Handle with impervious (PVC, neoprene, nitrile) gloves. Choose body protection e.g. impervious apron, sleeves, coveralls, according to the amount and concentration of mist or potential splash created.

Eye protection: Wear safety glasses with unperforated sideshields or goggles and a face shield.

Hygiene measures: Avoid skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities.

Other precautions: Provide emergency eyewash and shower in the immediate area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Physical state (solid/liquid/gas):	Liquid
Substance type (pure/mixture):	Mixture
Color:	Brown
Odor:	Musty Sweet
Molecular weight:	Not available
pH:	1.5 to 5.5
Boiling point/range (5-95%):	212°F, 100°C
Melting point/range:	32°F, 0°C
Decomposition temperature:	Not available
Specific gravity:	1.07 to 1.11
Vapor density:	Not applicable
Vapor pressure:	Not applicable
Evaporation rate (Butyl acetate= 1):	Not applicable
Flash point, method used:	Not applicable
Water solubility:	100 %
VOC Content:	0 %
Auto-ignition temperature:	Material is not self-igniting
Flammable limits in air — lower (%):	Not applicable
Flammable limits in air — upper (%):	Not applicable

Section 10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Stability:	The material is stable under recommended storage conditions.
Possibly hazardous reactions:	None known
Conditions to avoid:	Strong oxidizing agents.
Incompatible Materials:	Strong mineral acids, strong bases.
Hazardous decomposition products:	(after water has evaporated) Carbon monoxide, carbon monoxide, oxides of nitrogen and sulfur.
Polymerization:	Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity: No toxicity data is available for the product as a mixture. The following component data is provided.

Product information:

Name	CAS No.	Inhalation:	Dermal:	Oral:
Glucono Delta Lactone	90-80-2	Not available	Not available	Acute LD ₅₀ (Rat):7,930 mg/kg

Chronic toxicity: Ingredients are not listed by the IARC, NTP, OSHA, or EPA as carcinogenic. The toxicological properties have not been fully investigated.

Sensitization: Not known to cause sensitization in humans.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data available.

Bioaccumulative

Potential: No data available.

Persistence and

degradability: No data available.

Mobility in Soil: No data available..

Section 13. DISPOSAL CONSIDERATIONS

Disposal considerations: Non-recyclable material must be tested to determine if it is a corrosive hazardous waste under U.S. RCRA regulations. Dispose in accordance with state/ provincial, and local regulations.

Section 14. TRANSPORT INFORMATION

Please refer to DOT regulation 49 CFR 172.101:

Transport information: Not regulated for transport.

Hazardous Materials Description: (DOT and IATA): None

UN/identification no.: None

Proper shipping name: None

Hazard class: None

Packing group: None

DOT reportable quantity (lbs.): None

Section 15. REGULATORY INFORMATION

U.S. federal regulatory information:

State and community right-to-know regulations:

The following component(s) of this material are identified on the regulatory lists below:

U.S. TSCA Chemical inventory Section 8(b), AICS (Australia), DSL (Canada): Glucono Delta Lactone, CAS Number 90-80-2, is listed in TSCA, AICS, and DSL.

OSHA — This product is determined to be hazardous as defined in the OSHA Hazard Communications Standard.

CERCLA Sections 102a/103 (40 FR 302.4):

This product is not classified as hazardous or reportable under this requirement.

Some Components of this product are listed in the following sections of **SARA**:

SARA Title III Section 302 — Not applicable

SARA Title III Section 304 — Not applicable

SARA Title III Section 313 — Not applicable

SARA Title III Sections 311/312 Hazardous Categories (40 CFR 370.21)

Acute health hazard: No

Chronic health hazard: No

Fire hazard: No

Reactive Hazard: No

Pressure Hazard: No

Marine Pollutant: Not listed

State Regulations: Glucono Delta Lactone, CAS Number 90-80-2, appears on the following state hazardous substance lists: NJ and PA. Check individual state requirements.

California Proposition 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL REGULATIONS

Identification According to EEC Directives: EINECS Number: 202-016-5.

WHMIS (Canada)

Classification: Not controlled.

NOTE: User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.

Section 16. OTHER INFORMATION

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, Premiere Concrete Admixtures (Premiere) does not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, representation, or license of any kind, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Premiere assumes no responsibility for injuries proximately caused by use of the Materials if reasonable safety procedures are not followed as stipulated in this Safety Data Sheet. Additionally, Premiere assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. The buyer assumes the risk in its use of the Material.