



## Safety Data Sheet UltraFlo® 5600

Revision date: January 2, 2020

### Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** UltraFlo® 5600  
**Synonyms:** None  
**Chemical family:** Multi-range Water-Reducing Concrete Admixture  
**Producer:** Premiere Concrete Admixtures  
508 Cedar Street  
Pioneer, Ohio 43554  
[www.premiereadmix.com](http://www.premiereadmix.com)

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

**Emergency:** CHEMTREC 800-424-9300 Available 24 hours

### Section 2. HAZARDS IDENTIFICATION

#### GHS Hazard Classification and Label Elements

This product does not meet the criteria for hazard classification in accordance with the Globally Harmonized System of Classification and Labelling of chemicals (GHS). However, this SDS contains valuable information important to the safe handling and proper use of the product. (No Pictogram)

#### Hazard Statements

None

#### Precautionary Statements and Symptoms

None

#### Hazards not otherwise classified or not covered by GHS

**Eyes:** May cause slight, transient irritation

**Inhalation:** In typical work environments, exposure to vapor is unlikely due to physical properties. Avoid breathing vapor or mist.

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

**Skin contact:** Prolonged or repeated skin contact tends to remove skin oils, possibly leading to irritation. Avoid prolonged or repeated skin contact. Wash hands thoroughly after handling.

**Chronic:** NA

### Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Material information:** (Includes non-GHS regulated ingredients)

Name	CAS No.	Weight %
Sodium salt of poly-naphthalene sulfonic acid	9084-06-4	Less than 42%
Sodium Lignosulfonate	8061-51-6	Less than 25%

**\*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 plenty of water and soap. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Get 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**

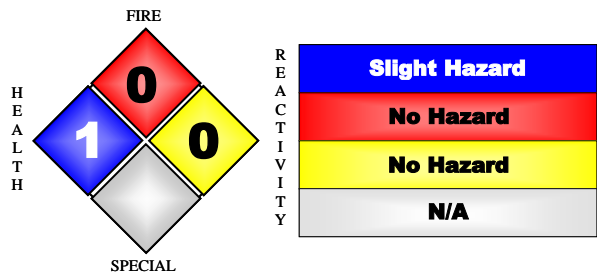
**Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.

**Specific hazards:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

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

	NFPA rating:	HMIS rating:
<b>Health:</b>	1	1
<b>Flammability:</b>	0	0
<b>Instability/reactivity:</b>	0	0
<b>Other:</b>	N/A	*(PPE)

\*The customer is responsible for determining the PPE code for this material



**Section 6. ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Immediately contact emergency personnel. Avoid mist formation. Avoid breathing vapors or mist. Ensure adequate ventilation.
- Large Spill:** If possible, prevent the product from entering drains and sewers. 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:** Store in original container away from incompatible materials, direct sunlight, and food or drink. See Section 10. Keep from freezing. Keep container tightly

closed until ready for use. Do not reuse the container. Average shelf life: 18 months.

## Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Name	CAS No.	Exposure Limits TWA <sup>A</sup>		
		ACGIH® TLV®	Federal OSHA PELs	OSHA PELs 1989 <sup>B</sup>
Sodium salt of polynaphthalene sulfonic acid	9084-06-4	Not Established	Not Established	Not Established
Sodium Lignosulfonate	8061-51-6	Not Established	Not Established	Not Established

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

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

<sup>B</sup> 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, or exceed exposure limits in this section. If exposure limits are exceeded, provide local exhaust ventilation according to general industrial hygiene practices.

### 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 rubber gloves. Choose body protection e.g. impervious apron, sleeves, coveralls, as specified by a PPE assessment and the amount of potential splash created.

**Eye protection:** Safety eyewear, for example safety glasses with side shields, should be used when a PPE assessment indicates this is necessary to avoid exposure to liquid splashes, or mists.

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

**Other precautions:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and at the end of the work period.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown liquid
<b>Physical state (solid/liquid/gas):</b>	Liquid
<b>Substance type (pure/mixture):</b>	Mixture
<b>Color:</b>	Brown
<b>Odor:</b>	Musty
<b>Molecular weight:</b>	Not available
<b>pH:</b>	4.5 to 8.5
<b>Boiling point/range (5-95%):</b>	212°F, 100°C
<b>Melting point/range:</b>	32°F, 0°C
<b>Decomposition temperature:</b>	Not available
<b>Specific gravity:</b>	1.19 to 1.23
<b>Vapor density:</b>	Not applicable

<b>Vapor pressure:</b>	Not applicable
<b>Evaporation rate (Butyl acetate= 1):</b>	Not applicable
<b>Flash point, method used:</b>	Not applicable
<b>Water solubility:</b>	100 %
<b>VOC Content:</b>	0 %
<b>Auto-ignition temperature:</b>	Material is not self-igniting
<b>Flammable limits in air — lower (%):</b>	Not applicable
<b>Flammable limits in air — upper (%):</b>	Not applicable

### Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Stability:</b>	The material is stable.
<b>Possibly hazardous reactions:</b>	None known
<b>Conditions to avoid:</b>	No specific data
<b>Incompatible Materials:</b>	Strong mineral acids
<b>Hazardous decomposition products:</b>	Oxides of carbon, nitrogen, and sulfur (after water has evaporated).
<b>Polymerization:</b>	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:
Sodium salt of poly-naphthalene sulfonic acid	9084-06-4	Not available	Not available	Acute LD <sub>50</sub> (Rat):>2,000 mg/kg
Sodium Lignosulfonate	8061-51-6	Not available	Not available	Acute LD <sub>50</sub> (Rat):>5,000 mg/kg

**Chronic toxicity:** No data

**Sensitization:** Not known to cause sensitization in humans.

### Section 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity Effects</b>	No Data
<b>Bioaccumulative Potential:</b>	No Data
<b>Persistence and degradability: Mobility in Soil:</b>	No Data

### Section 13. DISPOSAL CONSIDERATIONS

**Disposal considerations:** Generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Empty

containers or liners may retain some product residues. 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):** All ingredients are listed in TSCA, AICS, and DSL.

**OSHA** — This product is determined to be not 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 — This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels.

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

**RCRA Regulated Components:** None

**Marine Pollutant:** Not listed

**State Regulations:** No data

#### California Proposition 65 Components

This product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Ingredient Name/Concentration	CAS Number	Cancer	Reproductive
Formaldehyde/ <0.05%	50-00-0	Yes	No
Quinoline/ <0.1%	91-22-5	Yes	No

Naphthalene/ <0.01%	91-20-3	Yes	No
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## INTERNATIONAL REGULATIONS

Identification According to EEC Directives: Not available

### WHMIS (Canada)

Not controlled under WHMIS

All ingredients are on the Domestic Substance List of Environment Canada

**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.