



# SAFETY DATA SHEET

## Section 1. Chemical Product and Company Identification

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|  |   |
|--|---|
| <b>Product Name:</b>                     | ChemTreat P8320E                              |
| <b>Product Use:</b>                      | Water Clarification/Solids Conditioning Agent |
| <b>Supplier's Name:</b>                  | ChemTreat, Inc.                               |
| <b>Emergency Telephone Number:</b>       | (800)424-9300 (Toll Free)                     |
| <b>Address (Corporate Headquarters):</b> | 5640 Cox Road<br>Glen Allen, VA 23060         |
| <b>Telephone Number for Information:</b> | (800)648-4579                                 |
| <b>Date of SDS:</b>                      | February 7, 2019                              |
| <b>Revision Date:</b>                    | February 7, 2019                              |
| <b>Revision Number:</b>                  | 19020701AN                                    |

## Section 2. Hazard(s) Identification

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|  |   |
|--|---|
| <b>Signal Word:</b>                      | None  |
| <b>GHS Classification(s):</b>            | Non-Hazardous Substance   |
| <b>Hazard Statement(s):</b>              | Non-Hazardous Substance   |
| <b>Precautionary Statement(s):</b>       | No significant health risks are expected from exposures under normal conditions of use. |
| <b>Prevention:</b>                       | None.   |
| <b>Response:</b>                         | None.   |
| <b>Storage:</b>                          | None.   |
| <b>Disposal:</b>                         | None.   |
| <b>System of Classification Used:</b>    | Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).        |
| <b>Hazards Not Otherwise Classified:</b> | None.   |

### Section 3. Composition/Hazardous Ingredients

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| Component  | CAS Registry # | Wt. % |
|--|----------------|-------|
| Components not listed are either non hazardous or in concentration of less than 1% | N/A            | N/A   |

**Comments** If chemical identity and/or exact percentage of composition has been withheld, this information is considered to be a trade secret.

### Section 4. First Aid Measures

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**Inhalation:** Call a POISON CENTER or doctor/physician if you feel unwell.

**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.

**Skin:** Call a poison center or doctor/physician if you feel unwell.

**Ingestion:** Rinse mouth. Call a poison center or doctor/physician if you feel unwell.

**Most Important Symptoms:** N/D

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:** N/A

### Section 5. Fire Fighting Measures

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**Flammability of the Product:** Not flammable.

**Suitable Extinguishing Media:** Use extinguishing media suitable to surrounding fire.

**Specific Hazards Arising from the Chemical:** None known.

**Protective Equipment:** If product is involved in a fire, wear full protective clothing including a positive-pressure, NIOSH approved, self-contained breathing apparatus.

## Section 6. Accidental Release Measures

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|                                   |   |
|-----------------------------------|---|
| <b>Personal Precautions:</b>      | Use appropriate Personal Protective Equipment (PPE).  |
| <b>Environmental Precautions:</b> | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.                  |
| <b>Methods for Cleaning up:</b>   | Contain and recover liquid when possible. Flush spill area with water spray.<br>Material is very slippery if spilled. |
| <b>Other Statements:</b>          | None.   |

## Section 7. Handling and Storage

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|                  |   |
|------------------|---|
| <b>Handling:</b> | Wear appropriate Personal Protective Equipment (PPE) when handling this product. Do not get in eyes, or on skin and clothing. Wash thoroughly after handling. Do not ingest. Avoid breathing vapors, mist or dust.  |
| <b>Storage:</b>  | Store away from incompatible materials (see Section 10). Store at ambient temperatures. Keep container securely closed when not in use. Label precautions also apply to empty container. Recondition or dispose of empty containers in accordance with government regulations. For Industrial use only.<br>Do not freeze. Store above Freeze Point. If freezes, then product is unusable. |

## Section 8. Exposure Controls/Personal Protection

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### Exposure Limits

| Component  | Source | Exposure Limits |
|--|--------|-----------------|
| Components not listed are either non hazardous or in concentration of less than 1% | N/E    | N/E             |

|                              |  |
|------------------------------|--|
| <b>Engineering Controls:</b> | Use only with adequate ventilation. The use of local ventilation is recommended to control emission near the source. |
|------------------------------|--|

## Personal Protection

|                     |  |
|---------------------|--|
| <b>Eyes:</b>        | Safety glasses are recommended if risk of eye contact.   |
| <b>Skin:</b>        | Wear butyl rubber or neoprene gloves. Wash them after each use and replace as necessary. If conditions warrant, wear protective clothing such as boots, aprons, and coveralls to prevent skin contact. |
| <b>Respiratory:</b> | If misting occurs, use NIOSH approved organic vapor/acid gas dual cartridge respirator with a dust/mist prefilter in accordance with 29 CFR 1910.134.  |

## Section 9. Physical and Chemical Properties

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|   |                                      |
|---|--------------------------------------|
| <b>Physical State and Appearance:</b>           | Liquid Emulsion, Light Straw, Opaque |
| <b>Specific Gravity:</b>                        | 1.046 @ 20°C                         |
| <b>pH:</b>                                      | N/A                                  |
| <b>Freezing Point:</b>                          | 32°F                                 |
| <b>Flash Point:</b>                             | N/D                                  |
| <b>Odor:</b>                                    | Mild                                 |
| <b>Melting Point:</b>                           | N/A                                  |
| <b>Initial Boiling Point and Boiling Range:</b> | N/D                                  |
| <b>Solubility in Water:</b>                     | N/D                                  |
| <b>Evaporation Rate:</b>                        | N/D                                  |
| <b>Vapor Density:</b>                           | N/D                                  |
| <b>Molecular Weight:</b>                        | N/D                                  |
| <b>Viscosity:</b>                               | N/A                                  |
| <b>Flammability (solid, gas):</b>               | N/D                                  |
| <b>Flammable Limits:</b>                        | N/A                                  |
| <b>Autoignition Temperature:</b>                | N/A                                  |
| <b>Density:</b>                                 | 8.72 LB/GA                           |
| <b>Vapor Pressure:</b>                          | 0 mmHg @ 20C                         |
| <b>% VOC:</b>                                   | 0                                    |
| <b>Odor Threshold</b>                           | N/D                                  |
| <b>n-octanol Partition Coefficient</b>          | N/D                                  |
| <b>Decomposition Temperature</b>                | N/D                                  |

## Section 10. Stability and Reactivity

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|   |  |
|---|--|
| <b>Chemical Stability:</b>                      | Stable at normal temperatures and pressures.             |
| <b>Incompatibility with Various Substances:</b> | Strong oxidizers.  |
| <b>Hazardous Decomposition Products:</b>        | Hydrogen chloride, Oxides of nitrogen, Oxides of carbon. |
| <b>Possibility of Hazardous Reactions:</b>      | None known.  |
| <b>Reactivity:</b>                              | N/D  |
| <b>Conditions To Avoid:</b>                     | N/D  |

## Section 11. Toxicological Information

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### Acute Toxicity

| Chemical Name    | Exposure | Type of Effect | Concentration | Species |
|------------------|----------|----------------|---------------|---------|
| ChemTreat P8320E | Oral     | LD50           | >5000 MG/KG   | Rat     |

### Carcinogenicity Category

| Component  | Source | Code | Brief Description |
|--|--------|------|-------------------|
| Components not listed are either non hazardous or in concentration of less than 1% | N/E    | N/E  | N/E               |

**Likely Routes of Exposure:** N/D

### Symptoms

|                      |     |
|----------------------|-----|
| <b>Inhalation:</b>   | N/D |
| <b>Eye Contact:</b>  | N/D |
| <b>Skin Contact:</b> | N/D |
| <b>Ingestion:</b>    | N/D |

**Skin Corrosion/Irritation:** N/D

**Serious Eye Damage/Eye Irritation:** N/D  
**Sensitization:** N/D  
**Germ Cell Mutagenicity:** N/D  
**Reproductive/Developmental Toxicity:** N/D  
**Specific Target Organ Toxicity**  
     **Single Exposure:** N/D  
     **Repeated Exposure:** N/D  
**Aspiration Hazard:** N/D  
**Comments:** None.

## Section 12. Ecological Information

### Ecotoxicity

| Species            | Duration | Type of Effect | Test Results  |
|--------------------|----------|----------------|---------------|
| Zebra fish         | 96h      | LC50           | 10 – 100 mg/l |
| Daphnia magna      | 48h      | EC50           | >50 mg/l      |
| Ceriodaphnia dubia | 48h      | LC50           | 1.4 mg/l      |
| Fathead Minnow     | 96h      | LC50           | 28 mg/l       |

**Persistence and Biodegradability:** N/D  
**Bioaccumulative Potential:** N/D  
**Mobility In Soil:** N/D  
**Other Adverse Effects:** N/D

**Comments:** Water clarification polymers function by multipoint adsorption and charge neutralization with suspended solids. Polymers inherently migrate with solids in the separation process and with the exception of uneconomic overdose do not remain in the clarified waters. Aquatic toxicity determinations in test method protocol waters without suspended solids overestimate the toxicity compared to natural receiving waters.



### Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

### Section 14. Transport Information

| Controlling Regulation | UN/NA#: | Proper Shipping Name:                        | Technical Name: | Hazard Class: | Packing Group: |
|------------------------|---------|--|-----------------|---------------|----------------|
| DOT                    | N/A     | COMPOUND, INDUSTRIAL WATER TREATMENT, LIQUID | N/A             | N/A           | N/A            |
| IMDG                   | N/A     | COMPOUND, INDUSTRIAL WATER TREATMENT, LIQUID | N/A             | N/A           | N/A            |
| ICAO                   | N/A     | COMPOUND, INDUSTRIAL WATER TREATMENT, LIQUID | N/A             | N/A           | N/A            |
| TDG                    | N/A     | COMPOUND, INDUSTRIAL WATER TREATMENT, LIQUID | N/A             | N/A           | N/A            |

Note: N/A

### Section 15. Regulatory Information

#### Inventory Status

United States (TSCA):  
Canada (DSL/NDSL):

All ingredients listed.  
All ingredients listed.

#### Federal Regulations

##### SARA Title III Rules

Sections 311/312 Hazard  
Classes

|                        |    |
|------------------------|----|
| Fire Hazard:           | No |
| Reactive Hazard:       | No |
| Release of Pressure:   | No |
| Acute Health Hazard:   | No |
| Chronic Health Hazard: | No |



**Other Sections**

| Component  | Section 313<br>Toxic Chemical | Section 302 EHS<br>TPQ | CERCLA RQ |
|--|-------------------------------|------------------------|-----------|
| Components not listed are either non hazardous or in concentration of less than 1% | N/A                           | N/A                    | N/A       |

**Comments:** None.

**State Regulations**

**California Proposition 65:** This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm: residual acrylamide.

**Special Regulations**

| Component  | States |
|--|--------|
| Components not listed are either non hazardous or in concentration of less than 1% | None.  |

**Compliance Information**

**NSF:** N/A

**Food Regulations:** N/A

**KOSHER:** This product has not been evaluated for Kosher approval.

**Halal:** This product has not been evaluated for Halal approval.

**FIFRA:** N/A

**Other:** None

**Comments:** None.

**Section 16. Other Information**

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**HMIS Hazard Rating**

|                         |   |
|-------------------------|---|
| <b>Health:</b>          | 0 |
| <b>Flammability:</b>    | 1 |
| <b>Physical Hazard:</b> | 0 |
| <b>PPE:</b>             | X |





**Notes:**

The PPE rating depends on circumstances of use. See Section 8 for recommended PPE.

The Hazardous Material Information System (HMIS) is a voluntary, subjective alpha-numeric symbolic system for recommending hazard risk and personal protection equipment information. It is a subjective rating system based on the evaluator's understanding of the chemical associated risks. The end-user must determine if the code is appropriate for their use.

**Abbreviations**

| Abbreviation | Definition  |
|--------------|---|
| <            | Less Than   |
| >            | Greater Than  |
| ACGIH        | American Conference of Governmental Industrial Hygienists |
| EHS          | Environmental Health and Safety Dept                      |
| N/A          | Not Applicable  |
| N/D          | Not Determined  |
| N/E          | Not Established   |
| OSHA         | Occupational Health and Safety Dept                       |
| PEL          | Personal Exposure Limit                                   |
| STEL         | Short Term Exposure Limit                                 |
| TLV          | Threshold Limit Value                                     |
| TWA          | Time Weight Average                                       |
| UNK          | Unknown   |

**Prepared by:** Product Compliance Department; ProductCompliance@chemtreat.com

**Revision Date:** February 7, 2019

***Disclaimer***

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