

# SAFETY DATA SHEET

## Section 1. Chemical Product and Company Identification

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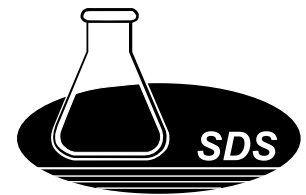
<b>Product Name:</b>	ChemTreat P8200L
<b>Product Use:</b>	Metal Precipitant
<b>Supplier's Name:</b>	ChemTreat, Inc.
<b>Emergency Telephone Number:</b>	(800)424-9300 (Toll Free)
<b>Address (Corporate Headquarters):</b>	5640 Cox Road Glen Allen, VA 23060
<b>Telephone Number for Information:</b>	(800)648-4579
<b>Date of SDS:</b>	November 14, 2019
<b>Revision Date:</b>	November 14, 2019
<b>Revision Number:</b>	19111401AN

## Section 2. Hazard(s) Identification

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<b>Signal Word:</b>	<b>WARNING</b>
<b>GHS Classification(s):</b>	Eye damage/irritation – Category 2b Acute Toxicity Oral – Category 5 Skin corrosion/irritation – Category 3 Specific Target Organ Toxicity – Repeated Exposure – Category 2
<b>Hazard Statement(s):</b>	H320 Causes eye irritation. H303 May be harmful if swallowed. H316 Causes mild skin irritation. H373 May cause damage to organs through prolonged or repeated exposure.
<b>Precautionary Statement(s):</b>	
<b>Prevention:</b>	P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.



**Response:** P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P332 + P313 If skin irritation develops or persists, get medical advice/attention.  
P337 + P313 If eye irritation persists, get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:** P402 + P404 Store in a dry place. Store in a closed container.

**Disposal:** P501 Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations.

**System of Classification Used:** Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazards Not Otherwise Classified:** None.

### Section 3. Composition/Hazardous Ingredients

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Component	CAS Registry #	Wt. %
Rare Earth Chlorides	68188-88-5	30 - 60

**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:** Remove contaminated clothing. Wash exposed area with large amounts of soap and water. If skin irritation develops or persists, get medical advice/attention.

**Ingestion:** DO NOT INDUCE VOMITING. 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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**Personal Precautions:** Use appropriate Personal Protective Equipment (PPE).

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

**Methods for Cleaning up:** Contain and/or absorb spill with inert material then place in suitable container.

**Other Statements:** None.

## Section 7. Handling and Storage

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**Handling:**

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.

**Storage:**

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.  
Store above Freeze Point.

## Section 8. Exposure Controls/Personal Protection

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**Exposure Limits**

Component	Source	Exposure Limits
Rare Earth Chlorides	N/E	N/E

**Engineering Controls:**

Use only with adequate ventilation. The use of local ventilation is recommended to control emission near the source.

**Personal Protection****Eyes:**

Wear chemical splash goggles or safety glasses with full-face shield. Maintain eyewash fountain in work area.

**Skin:**

Wear nitrile gloves. If conditions warrant, wear protective clothing such as boots, aprons, and coveralls to prevent skin contact.

**Respiratory:**

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, Yellow, Clear
<b>Specific Gravity:</b>	1.559 @ 20°C
<b>pH:</b>	3.1 @ 20°C, 100.0%
<b>Freezing Point:</b>	-40°F
<b>Flash Point:</b>	>200°F
<b>Odor:</b>	Mild
<b>Melting Point:</b>	N/D
<b>Initial Boiling Point and Boiling Range:</b>	>212°F
<b>Solubility in Water:</b>	Soluble
<b>Evaporation Rate:</b>	N/D
<b>Vapor Density:</b>	N/D
<b>Molecular Weight:</b>	N/D
<b>Viscosity:</b>	<100 CPS @ 20°C
<b>Flammability (solid, gas):</b>	N/D
<b>Flammable Limits:</b>	N/A
<b>Autoignition Temperature:</b>	N/A
<b>Density:</b>	13.00 LB/GA
<b>Vapor Pressure:</b>	N/D
<b>% VOC:</b>	N/D
<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>	Oxidizers.
<b>Hazardous Decomposition Products:</b>	Chlorine gas.
<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 P8200L	Oral	LC50	2800 MG/KG	Rat

### Carcinogenicity Category

Component	Source	Code	Brief Description
Rare Earth Chlorides	N/E	N/E	N/E

Likely Routes of Exposure: N/D

### Symptoms

Inhalation: N/D

Eye Contact: N/D

Skin Contact: N/D

Ingestion: 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
Fathead Minnow	96h	LC50	191 mg/l
	96h	NOEC	125 mg/l
	7d	IC25	2.1 mg/l
	7d	NOEC	1.3 mg/l
	7d	LOEC	2.5 mg/l
Ceriodaphnia dubia	48h	LC50	16.4 mg/l
	48h	NOEC	7.8 mg/l
	7d	IC25	2 mg/l
	7d	NOEC	1.6 mg/l
	7d	LOEC	3.1 mg/l

**Persistence and Biodegradability:** N/D

**Bioaccumulative Potential:** N/D

**Mobility In Soil:** N/D

**Other Adverse Effects:** N/D

**Comments:** None.

## 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
SCT	N/A	COMPOUND, INDUSTRIAL WATER TREATMENT, LIQUID	N/A	N/A	N/A



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

<b>Fire Hazard:</b>	No
<b>Reactive Hazard:</b>	No
<b>Release of Pressure:</b>	No
<b>Acute Health Hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	Yes

### Other Sections

Component	Section 313 Toxic Chemical	Section 302 EHS TPQ	CERCLA RQ
Rare Earth Chlorides	N/A	N/A	N/A

**Comments:** None.





### State Regulations

**California Proposition 65:** None known.

### Special Regulations

Component	States
Rare Earth Chlorides	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>	1
<b>Flammability:</b>	0
<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

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**Revision Date:** November 14, 2019

## Disclaimer

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