



## CHEMSTREAM CWT-3205

# SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	Chemstream CWT-3205
Product Code	None

**Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s)	Water Treatment Chemical None
Uses Advised Against	

**Company Identification**

Chemstream CWT- 3205

511 Railroad Avenue

Homer City, PA 15848

**Telephone**

(724) 915-8388

**Emergency telephone number****Emergency Phone No.**

Chemtrec - 1 (800) 424-9300

### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Not classified as dangerous for supply/use.
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**Label elements**

Hazard Symbol	None
Hazard Statement(s)	None
Precautionary Statement(s)	IF SWALLOWED: Rinse mouth. Treat symptomatically. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention. IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Keep out of reach of children.

**Other hazards**

None

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% wt.	CAS No.
Polycarboxylate, sodium salt	40 - 45	Trade Secret
Water	55 - 60	7732-18-5

Additional Information - None

### SECTION 4: FIRST AID MEASURES



#### Description of first aid measures

Inhalation	Not normally required. Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.
Ingestion	Rinse mouth. Treat symptomatically.

**Most important symptoms and effects, both acute and delayed** None known.

**Indication of any immediate medical attention and special treatment needed** None known.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	None known.

**Special hazards arising from the substance or mixture** None known.

**Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Wear protective gloves/eye protection.

**Environmental precautions** Avoid run off to waterways and sewers.

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**Methods and material for containment and cleaning up** Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections** None

**Additional Information** None

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling** Avoid contact with skin and eyes. When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature Store at room temperature.  
 -Incompatible materials Strong oxidising agents.

**Specific end use(s)** Water Treatment Chemical

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

**Recommended monitoring method** None

**Exposure controls**

**Appropriate engineering controls** Not normally required.

**Personal protection equipment**

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear protective gloves. (Nitrile rubber, PVC, Natural rubber)

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls** None known

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Appearance	Liquid
Color	Almost colourless to pale yellow
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	2.5 - 4.0
Melting Point (°C) / Freezing Point (°C)	~0 (~32 °F) - Water
Boiling point/boiling range (°C):	~100 (~212 °F) - Water
Flash Point (°C)	Non-combustible
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not applicable
Vapour pressure (Pascal)	2,226 @ 20 °C (17 mmHg @ 68 °F) - Water
Vapour Density (Air=1)	Not applicable
Density (g/ml)	1.2
Solubility (Water)	Soluble.
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not applicable
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not applicable
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>Incompatible materials</b>	None known
<b>Hazardous decomposition product(s)</b>	None known

### SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

#### Substances in preparations / mixtures

Polycarboxylate, sodium salt – (CAS# Trade Secret)

(By analogy with similar materials)

<b>Acute toxicity</b>	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw
<b>Irritation/Corrosivity</b>	Repeated exposure may cause skin dryness or cracking.
<b>Sensitization</b>	It is not a skin sensitizer.
<b>Repeated dose toxicity</b>	No information available
<b>Carcinogenicity</b>	No data. It is unlikely to present a carcinogenic hazard to man.



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NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

**Mutagenicity** There is no evidence of mutagenic potential.

**Reproductive toxicity** Not to be expected

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Polycarboxylate, sodium salt – (CAS# Trade Secret)

Short term (By analogy with similar materials)

LC50 (96 hour): >1,000 mg/L (*Ochorhynchus mykiss*)  
 EC50 (48 hour): >1,000 mg/l (*Daphnia magna*)  
 EC50 (96 hour): >100 mg/l (Aquatic plants)

Long Term

No data

**Persistence and degradability**

Not persistent. This substance is not readily biodegradable.

**Bioaccumulative potential**

The product has no potential for bioaccumulation.

**Mobility in soil**

Not available.

**Results of PBT and vPvB assessment**

Not classified as PBT or vPvB.

**Other adverse effects**

None known.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

### SECTION 14: TRANSPORT INFORMATION

	<b>Land transport (U.S. DOT)</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO/IATA)</b>
<b>UN number</b>			
<b>Proper Shipping Name</b>	<b>Not classified as dangerous for transport</b>		
<b>Transport hazard class(es)</b>			
<b>Packing group</b>			
<b>Environmental hazards</b>			
<b>Special precautions for user</b>			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

### SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**TSCA (Toxic Substance Control Act) - Inventory Status:** All components listed and active, or exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

**SARA 311/312 - Hazard Categories:** Refer to SECTION 2 - HAZARDS IDENTIFICATION.

**SARA 313 - Toxic Chemicals (40 CFR 372):**



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Chemical Name	CAS No.	Typical %wt.
None	----	----

### SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

### California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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