

Chemstream CWT-3585

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-3585
Product Code	None

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

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

Company Identification	Chemstream, Inc 511 Railroad Avenue Homer City, PA 15748
------------------------	--

Telephone	(724) 915-8388
-----------	----------------

Emergency telephone number

Emergency Phone No.	For Chemical Emergency Chemtrec 1 (800) 424-9300
---------------------	---

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Skin Corr. 1B; Eye Dam. 1

Label elements

Hazard Symbol



DANGER

Signal Word(s)

Hazard Statement(s)

Causes severe skin burns and eye damage.

Precautionary Statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands and exposed skin after use.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Treat symptomatically. Get immediate medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate 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

Chemstream CWT-3585

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% wt.	CAS No.
Polymaleic polymer	45 - 55	Trade Secret
Water	45 - 55	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. Get immediate medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Treat symptomatically. Get immediate medical attention.

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/protective clothing/eye protection/face protection.

Environmental precautions Avoid run off to waterways and sewers.

Chemstream CWT-3585

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. Wear protective gloves/protective clothing/eye protection/face protection.
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

Chemstream CWT-3585

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Amber (Clear)
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	<2
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.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures

Polymaleic polymer – (CAS# Trade Secret) - (By analogy with similar materials):

Acute toxicity	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw
Irritation/Corrosivity	Causes severe skin burns and eye damage.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	No information available
Carcinogenicity	No data. It is unlikely to present a carcinogenic hazard to man.



Chemstream CWT-3585

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

Polymaleic polymer – (CAS# Trade Secret):

Short term (By analogy with similar materials) LD50 (96 hour): >100 mg/L (Fish)
 EC50 (48 hour): >100 mg/l (Aquatic invertebrates)
 EC50 (96 hour): >100 mg/l (Aquatic plants)

Long Term No data

Persistence and degradability Not available.

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

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	UN 3265	UN 3265	UN 3265
Proper Shipping Name	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)
Transport hazard class(es)	8	8	8
Packing group	II	II	II
Hazard label(s)	Corrosive	Corrosive	Corrosive
Environmental hazards	No	No	No
Special precautions for user	None Assigned	None Assigned	None Assigned

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 or polymer exempt.

Chemstream CWT-3585

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

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

SARA 311/312 - Hazard Categories:

Fire
 Sudden Release
 Reactivity
 Immediate (acute)
 Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

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: 4.

Date of preparation: March 12, 2015

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.