



Safety Data Sheet

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In Case of Emergency, contact Chemtrec 1-800-424-9300

1) Product Identification

WT-550FLC

Coagulant

Recommended Use: Processing aid for industrial applications
Uses Advised Against: None

2) Hazards Identification

GHS Signal Word: None.

Classification of the Substance or Mixture: Not Classified (Classification according to paragraph (d) of 29 CFR 1910.1200)

Label Elements: (Classification according to paragraph (d) of 29 CFR 1910.1200)

Hazard Symbol: None

Hazard Statements: None

Precautionary Statements: None

Hazards Not Otherwise Classified: Spills produce extremely slippery surfaces.

Ingredient (s) of Unknown Acute Toxicity: None

For explanation of abbreviations see Section 16.

3) Information on Ingredients

Substances: Not applicable, this product is NOT a substance.

Mixtures:

Hazardous Components: Contains no reportable hazardous substances.

4) First Aid Measures

Description of First Aid Measures:

If Inhaled: Move to fresh air. No hazards which require special first aid measures.

If on Skin: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

In in Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Alternatively, rinse immediately with Diphtherine (eyewash). Get prompt medical attention.

If Ingested: Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Most Important Symptoms and Effects, Both Acute and Delayed:

None under normal use.

Indication of any Immediate Medical Attention and Special Treatment Needed:

None under normal use.

Other Information:

None

5) Fire and Explosion Data/Fire Fighting Measures

Extinguishing Media:

Suitable Media: Water. Water spray. Foam. Carbon Dioxide (CO₂). Dry powder.

Unsuitable Media: None.

Special Hazards Arising from the Substance or Mixture:

Hazardous Decomposition Products:

Carbon oxides (CO_x). Nitrogen oxides (NO_x). Hydrogen chloride. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Advice for Firefighters:

Protective Measures:

Wear self-contained breathing apparatus and protective suit.

Other Information:

Spills produce extremely slippery surfaces.

6) Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions: Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

Protective Equipment: Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency Procedures: Keep people away from spill/leak.

Environmental Precautions:

Do not contaminate water.

Methods and Material for Containment and Cleaning Up:

Small Spills: Do not flush with water. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Large Spills: Do not flush with water. Dam up. Clean up promptly by scoop or vacuum.

Residues: Soak up with inert absorbent material. After cleaning, flush away traces with water.

Reference to Other Sections:

Section 7 Handling and Storage; Section 8 Exposure controls/personal protection; Section 13 Disposal Considerations.

7) Handling and Storage

Precautions for Safe Handling:

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.

Conditions for Safe Storage, Including any Incompatibilities:

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

Specific End Use (s):

None.

8) Exposure Controls and Personal Protection

Control Parameters:

Occupational Exposure Limits: None

Exposure Controls:

Appropriate Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Safety Glasses with side-shields.

Skin Protection: Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

Hand Protection: PVC or other plastic material gloves.

Respiratory Protection: No personal respiratory protective equipment normally required.

Additional Advice: Wash hands and face before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

Environmental Exposure Controls:

Do not allow uncontrolled discharge of product into the environment.

9) Physical and Chemical Properties

Appearance:	Clear to slightly yellow liquid
Odor:	None
Odor Threshold:	Not applicable
pH Value:	4 — 7
Melting Point/Freezing Point:	<5°C
Initial Boiling Point & Boiling Range:	>100°C
Flash Point:	Does Not Flash
Evaporation Rate:	No data available
Flammability (solid, gas):	Not applicable
Lower Flammability or Explosion Limit:	Not expected to create explosive atmospheres
Upper Flammability or Explosion Limit:	Not expected to create explosive atmospheres
Autoignition Temperature:	Not determined.
Vapor Pressure:	2.3kPa @ 20°C
Vapor Density:	0.804 g/litre @ 20°C
Relative Density:	1.0 — 1.2
Solubility (ies):	Completely miscible
Partition Coefficient:	<0
Autoignition Temperature:	Does not self-ignite (based on chemical structure)
Decomposition Temperature:	>150°C
Viscosity:	See Technical Bulletin
Explosive Properties:	Not expected to be explosive based on the chemical structure
Oxidizing Properties:	Not expected to be explosive based on the chemical structure
Other Information:	None

10) Stability and Reactivity

Reactivity:	Stable under recommended storage conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Protect from frost, heat and sunlight.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	
<i>Thermal decomposition may produce:</i>	Hydrogen chloride gas, nitrogen oxides (NO _x), carbon oxides (CO _x). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

11) Toxicological Information

Information on Toxicological Effects:

Information on the product as supplied:

Acute Oral Toxicity:	LD50/Oral/Rat > 5000 mg/kg.
Acute Dermal Toxicity:	LD50/Dermal/Rat > 5000 mg/kg.
Acute Inhalation Toxicity:	Testing by the inhalation route is inappropriate because exposure of humans via inhalation is unlikely; the substance has no vapor pressure and there is practically no exposure to inhalable aerosols.
Skin Corrosion/Irritation:	Non-irritating to skin.
Serious Eye Damage/Eye Irritation:	Slightly irritating.
Respiratory/Skin Sensitization:	Not sensitizing to skin. No respiratory sensitization has been observed in the workplace.
Mutagenicity:	By analogy with similar products, this product is not expected to be mutagenic.
Carcinogenicity:	By analogy with similar substances, this substance is not expected to be carcinogenic.
Reproductive Toxicity:	By analogy with similar substances, this substance is not expected to be toxic for reproduction.
STOT—Single Exposure:	No known effects.
STOT—Repeated Exposure:	No known effects.
Aspiration Hazard:	Due to the viscosity, this product does not present an aspiration hazard.

12) Ecological Information

TOXICITY:

Information on the Product as Supplied:

Acute toxicity to fish:	LC50/Danio rerio/96 hours = 10 — 100 mg/L
Acute toxicity to invertebrates:	EC50/Daphnia magna/48 hours = 10 — 100 mg/L
Acute toxicity to algae:	Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to Microorganisms:	No data available.
Effects on terrestrial organisms	No data available. Exposure to soil is unlikely.
Sediment toxicity:	No data available. Exposure to sediment is unlikely.

Persistence and Degradability:

Information on the Product as Supplied:

Degradation:	Not readily biodegradable.
Hydrolysis:	Does not hydrolyse.
Photolysis:	No data available.

Bio accumulative Potential:

Information on the Product as Supplied: The product is not expected to bioaccumulate.

Partition Co-efficient (Log Pow): <0
Bioconcentration factor (BCF): ~0

Mobility in Soil:

Information on the Product as Supplied: Exposure to soil is not to be expected.

Koc: No data available

Other Adverse Effects:

None.

13) Disposal Considerations

Waste Treatment Methods:

Waste from residues/unused products:

Contaminated packaging: Rinse empty containers with water and use the rinse-water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

Store containers and offer for recycling of material when in accordance with the local regulations.

14) Transport Information

US DOT

Not classified.

IMDG

Not classified.

IATA/ICAO

UNCLASSIFIED

15) Regulations

Safety, Health & Environmental Regulations/Legislation Specific for the Substance or Mixture:

Information on the Product as Supplied:

US TSCA Chemical Substances Inventory:	All components of this product are either listed on the inventory or are exempt from listing.
SARA Sections 311/312 Hazard Categories:	Not concerned.
RCRA Status:	Not RCRA hazardous.
California Proposition 65 Information:	Not concerned.

16) Other Information

HMIS

Health—0
Flammability—0
Reactivity—0
Personal Protection—determined by user

NFPA

Health—0
Flammability—0
Reactivity—0
Special—None

Date Issued: Tuesday, February 15, 2022

Reason for Revision: SDS Update

Revised By: Tim Taylor, EHS Director

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