



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 Diphoterine (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 even 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

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| 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

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| 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:

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| 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:

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| 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:

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| 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.

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|-----------------------------------|----|
| 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.

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| Koc: | No data available |
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Other Adverse Effects: None.

13) Disposal Considerations

Waste Treatment Methods:

Waste from residues/unused products: Contaminated packaging:

Dispose of in accordance with local regulations. 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

Not classified.

15) Regulations

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

Information on the Product as Supplied:

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|---|---|
| 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

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Reason for Revision: SDS Update

Revised By: Tim Taylor, EHS Director

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