



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: WT-9305
Description: Coagulant
Suggested Use: Anionic polymer
Restrictions on Use: Do not mix with other industrial chemicals.
Supplier: Advanced Chemical Technology, Inc.
8728 Utica Avenue
Rancho Cucamonga, CA 91730
Telephone: 1-909-980-4556 or 1-800-527-9607
Fax: 1-909-980-9366
Emergency Phone: 1-800-255-3924 (CHEMTEL)

2. HAZARDS IDENTIFICATION

Classification

GHS Classification: Serious Eye Irritation (Category 2A)

GHS Label Elements

Pictogram:



Signal Word: Warning

Hazard Statements: H316: Causes mild skin irritation
H319: Causes serious eye irritation

Precautionary Statements: P264: Wash hands thoroughly after handling.
P 273: Avoid release to the environment.
P280: Wear protective gloves/ protective clothing/ eye protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical attention/advice.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P501 - Dispose of contents/container to comply with local, state and federal regulations.

HMIS Classification: Health Hazard: 1
Flammability: 0
Physical Hazards: 0

NFPA Rating: Health Hazard: 1
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation: Although unlikely to occur, inhalation may result in an adverse reaction persons previously sensitized to the product. The product is not expected to be toxic by inhalation.
Skin: May cause skin irritation.
Eyes: Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those



Ingestion: which all granular materials have on conjunctivae.
The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Acrylamide copolymer powder	Not Established	Not Established
Synonyms:	Not Established	

4. FIRST AID MEASURES

If Inhaled: Move to fresh air if subject is overcome by excessive dust. Consult a physician in case of irritation or other symptoms.
Skin Contact: Wash with soap and water as a precaution. In case of skin irritation, consult a physician.
Eye Contact: Flush eyes with plenty of water in case of irritation consult a Physician.
If Ingested: No hazard which require first aid measures.

5. FIREFIGHTING MEASURES

Flammability Overview: Aqueous solutions or powders that become wet render surfaces extremely slippery.
Flash Point: Not Applicable
Extinguishing Media: Use water, water-spray, foam, dry chemical, or carbon dioxide.
Special Protective Equipment for Firefighters: Wear a self-contained breathing apparatus (SCBA) for firefighting if necessary.
Hazardous Combustion Products: Nitrogen oxides (NOx), carbon oxides

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Dust safety masks are recommended where concentration of total dust is more than 15 mg/m³.
Environmental Precautions: The products not considered toxic to aquatic organisms or harmful to the aquatic environment. However, as with all chemical products, do not introduce directly into the environment.
Containment and Clean Up: DO NOT FLUSH WITH WATER. Clean up promptly by scoop or vacuum. Keep in suitable closed containers for disposal. AFTER CLEANING, flush away traces with water.

7. HANDLING AND STORAGE

Safe Handling: For good industrial hygiene, avoid contact with skin and eyes, avoid forming dust/mist. Wash hands before breaks and at the end of the workday.
Safe Storage: Keep in a dry, cool place (0 - 35 °C)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits



Component	CAS Number	Exposure Limit	Basis
Acrylamide copolymer powder	Not Established	Not Established	ACGIH Threshold Value (TWA) (mg/m ³)
		Not Established	OSHA PEL (TWA) (mg/m ³)

Personal Protective Equipment

Eye Protection: Wear tightly fitting safety goggles or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH. Have eye-wash stations available where eye contact can occur. Do not wear contact lenses.

Hand Protection: Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.

Skin Protection: Protect skin by wearing pants, close toe shoes and long sleeves. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Safety showers should be located in the work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges. For oxygen deficient atmospheres, use a NIOSH approved air-supplied respirator. Respiratory protection may be needed for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Granular solid
 Color: White
 Odor: None
 Odor Threshold: Not Applicable
 pH: 4-9 @ 5g/l for product series
 Melting/Freezing Point: Not Applicable
 Boiling Point: Not Applicable
 Flash Point: Not Established
 Evaporation Rate: Not Established
 Flammability (solid, gas): Not Flammable
 Flammability/Explosion Limits: Not Flammable
 Vapor Pressure @ 20°C: Not Applicable
 Vapor Density: Not Applicable
 Specific Gravity: Not Established
 Density: Not Established
 Solubility in Water: Slight
 Partition Coefficient: Not Established
 Autoignition Temperature: Not Applicable
 Decomposition Temperature: Not Established
 Viscosity: Not Established

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions. Do not store under 50 °F.

Conditions and Materials to Avoid: Oxidizing agents may cause exothermic reactions.

Hazardous Decomposition Products: Thermal decomposition may produce nitrogen oxides (NOX), carbon oxides



11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component	CAS Number	Test	Toxicity
Acrylamide copolymer powder	Not Established	Oral LD50 (Mouse)	5000 mg/kg
		Skin	Not Established
		Inhalation LC50-1H (Rat)	Not Established

Potential Health Effects

Inhalation: Although unlikely to occur, inhalation may result in an adverse reaction persons previously sensitized to the product. The product is not expected to be toxic by inhalation.

Skin: May cause skin irritation.

Eyes: Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctivae.

Ingestion: The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

Signs and Symptoms of Exposure: Not Established

Chronic Effects of Long-term Exposure: Not Established

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Acrylamide copolymer powder	Not Established	Not Established	Not Established

Ecological Effects

Persistence and Degradability: Not Established

Bioaccumulation Potential: Not expected to bio-accumulate

Mobility in Soil: Not Established

Other Adverse Effects: Not Established

13. DISPOSAL CONSIDERATIONS

Disposal: Surplus and non-recyclable material should be treated as hazardous waste and be disposed of by a licensed disposal company. Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region. Do not release into sewers or waterways.

Contaminated Packaging: Dispose of as unused product.



14. TRANSPORT INFORMATION

DOT Information

Proper Shipping Name: Non-Regulated Water Treatment Compound, Dry
UN Number:
Hazard Class:
Packing Group:

Reportable Quantity (RQ):

Marine Pollutant: Not Established

Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: None Listed
SARA 311/312 Hazards: Acute Health Hazard
SARA 313 Components: This product does not contain a Section 313 listed toxic chemical subject to release reporting requirements.

TSCA Inventory: All chemical components are listed on TSCA inventory.

European Union

EC Inventory: None Listed

State Regulations

CA Prop 65: This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.

16. OTHER INFORMATION

SDS Version: 1.0
Revision Date: 06/01/2015
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