



Sweetwater Technologies

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Material Safety Data Sheet

Section I - Identification

Trade Name: 9311AL	CAS Number:
Chemical Name and Synonyms: Liquid Cationic Polymer	
Chemical Name: Coagulant	Formula: Proprietary

Section II - Hazardous Ingredients

Component	%	TLV-TWA
Contains no hazardous mixtures of other liquids, solids or gases.		

Section III - Physical Data

Boiling Point (C)	>100C	Specific Gravity	1.16 - 1.28
Vapor Pressure (mm Hg)	N/A	Percent Volatile by Volume	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	Soluble	pH Neat	4-7
Appearance and Odor: Colorless to light amber, slight to no odor, clear with no appreciable suspended matter			

Section IV - Fire and Explosion Data

Flash Point Method: N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media: Product is not flammable.			
Special Fire, Hazard, and Fire Fighting Procedures: A self-contained breathing apparatus should be worn by fire-fighting personnel.			

Section V - Reactivity Data

Stability: Stable	Hazardous Polymerization: No	Conditions to Avoid: N/A
Incompatibility, Materials to Avoid: Strong oxidizing agents		Hazardous Decomposition Products: Oxides of nitrogen, carbon dioxide or monoxide and HCl

Section VI - Health Hazard Data

Threshold Limit Value (TWA):	Not available
Symptoms of Overexposure:	May cause skin and eye irritation. If inhaled, may cause headaches, nausea and respiratory irritations.
Primary Routes of Entry:	Skin
Toxicity Information:	Is not listed in NIOSH's Registry of Toxic Effects, 1981-1982. No known toxicity information is available at this time.
Emergency First Aid Procedures	
Skin:	Wash affected area with soap and water for 5 minutes. If irritation develops, call a physician.
Eyes:	Flush eyes with copious amounts of water for 15 minutes.
Ingestion:	Drink plenty of fluids and call a physician.
Inhalation:	Move individual to an uncontaminated area and administer oxygen if necessary. Avoid breathing mists or vapors.

Section VII - Special Protection Information

Respiratory Protection (Specify Type): None required when ventilation is acceptable.	
Ventilation: Area should be well ventilated.	Protective Gloves: Impervious
Eye Protection: Chemical splash goggles	Other Protective Equipment: Eye bath and safety shower

Section VIII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled:	Dike and absorb spills with inert material such as sand and dirt. Shovel into drums for disposal. Do not allow spill to enter waterways. Spill area may be slippery.
Waste Disposal Method:	Follow federal, state and local regulations for disposal in an approved landfill.

Section IX - Special Precautions

Precautions to be taken in handling and storing: Keep container closed when not in use. Empty container should not be reused until cleaned.			
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		Prepared by:	JWC

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