



# Sweetwater Technologies

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## Material Safety Data Sheet

### Section I - Identification

<b>Trade Name:</b> 9311A	<b>CAS Number:</b>
<b>Chemical Name and Synonyms:</b> Liquid Cationic Polymer	
<b>Chemical Name:</b> Coagulant	<b>Formula:</b> Proprietary

### Section II - Hazardous Ingredients

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

### Section III - Physical Data

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

### Section IV - Fire and Explosion Data

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

### Section V - Reactivity Data

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

## Section VI - Health Hazard Data

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

## Section VII - Special Protection Information

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

## Section VIII - Spill or Leak Procedures

<b>Steps to be taken in case material is released or spilled:</b> 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.
<b>Waste Disposal Method:</b> Follow federal, state and local regulations for disposal in an approved landfill.

## Section IX - Special Precautions

<b>Precautions to be taken in handling and storing:</b> Keep container closed when not in use. Empty container should not be reused until cleaned.			
<b>Date of Issue:</b> 07/06/97	<b>SW CAT:</b> BAC	<b>Supercedes:</b>	<b>Prepared by:</b> JWC