



Section #1 - Chemical Product and Company Identification

Product Name:	parafloc™ 907
Chemical Family:	Polyelectrolyte
Company Information:	Paradigm Chemical and Consulting, LLC 3619 Cantrell Industrial Court Acworth, GA 30101 (Office) 678 945-6742 (Fax) 678-945-7742 www.paradigmchemical.com email: sales@paradigmchemical.com
Emergency Phone:	INFOTRAC 1-800-535-5053 (24 Hour Emergency Number)

Section # 2 - Hazards Identification

Hazard Pictograms:	
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Signal Word:	Caution
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GHS Classification:	Skin sensitization=Category 2 Eye irritation=Category 2A
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Hazard Statement:	Eye Contact:	May cause irritation.
	Skin Contact:	May cause irritation.
	Ingestion:	May cause nausea, vomiting and diarrhea if swallowed. Seek medical attention if symptoms continues.
	Inhalation:	Avoid prolonged inhalation of heated vapors. May cause slight irritation to nose and throat.

Prevention:	
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Section # 3 - Composition/information on ingredients

<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>
Polyaluminum hydroxychloride	1327-41-9	< 35

Section # 4 - First Aid Measures	
Eye Contact:	Immediately flush with water for 15 minutes, holding lids open. Call a physician promptly.
Skin Contact:	Flush thoroughly with soap and water. Call a physician if irritation persists.
Ingestion:	If victim is conscious, promptly drink large quantities of eggs whites or gelatin, or copious amounts of water. Seek immediate medical attention.
Inhalation:	Move victim to fresh air. Consult physician regarding any continued discomfort.
Section # 5 - Fire and Explosion Data	
Flash Point:	>200 Degrees F
Flammable Limit:	LFL: N/A UFL: N/A
Extinguishing Media:	Water spray, dry chemical foam, or carbon dioxide.
Fire Fighting Instructions:	Use self-contained breathing apparatus with full face piece.
Combustion Products:	None
Special Hazards:	None
Section # 6 - Accidental Release Measures	
Spill and Leak Procedures:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Remove spills promptly as they may make floors slippery. Several washes of and/or the use of detergents may be necessary to completely clean any spill. Incinerate or dispose of unadulterated product as a non-hazardous waste. Solidify and landfill according to local, state, and federal regulations.
Reportable Quantity:	N/A
Section # 7 - Handling and Storage	
Handling:	Avoid eye contact. Avoid repeated or prolonged skin contact. Use proper PPE. Avoid breathing mist or vapor. Use only in a well ventilated area. Unvented containers may develop pressure. Open with caution. Wash hands thoroughly after handling. Eye wash stations and safety showers should be easily accessible to areas where product is used.
Storage:	Keep containers closed when not in use. For maximum storage life, store at temperatures below 90 degrees F (32.2 degrees C) Keep from freezing.
Section # 8 - Exposure Controls / Personal Protection	
Eyes and Face:	Safety glasses with side-shields or chemical splash goggles
Skin:	Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.
Respiratory:	Not needed under normal conditions of use. Use an approved MSHA or NIOSH respirator for nuisance mists or dusts.
Engineering Controls:	No special requirements. Product should be handled as an irritant.

Section # 9 - Physical and Chemical Properties

Physical Appearance: Clear, colorless to light amber liquid

Odor: Odorless

pH: <1.0

Boiling Point: 235 degrees F

Melting Point: 14 degrees F

Specific Gravity: 1.25 - 1.27

Density: 10.42 - 10.59

Vapor Pressure (mm Hg): Not Available

Vapor Density: Not Available

% Volatile: Not Available

% VOC by EPA Method 24: Not Available

Solubility in Water: Soluble

Section # 10 - Stability and Reactivity

Chemical Stability This product is stable under the recommended storage conditions.

Conditions to Avoid: None

Incompatibility with Other Materials: Oxidizing agents, and caustic

Hazardous Decomposition: Chlorine compounds, metal oxides

Hazardous Polymerization: Will not occur

Special Remarks: None

Section # 11 - Toxicological Information

Eye: N/A

Dermal: N/A

Inhalation: N/A

Oral: LD₅₀ (oral, rat) = 300 mg/kg

Section # 12 - Ecological and Environmental Information

Ecological: N/A

Environmental Fate: N/A

Section # 13 - Disposal Considerations

Waste Disposal Method: Product must be disposed of properly under Federal/State regulations for industrial waste.

RCRA: The product when spilled or disposed of is a hazardous waste as defined in RCRA regulations (40 CFR 261): RCRA ID number is: D002 (corrosive)

Section # 14 - Transportation Information

DOT: Regulated

Proper Shipping Name: Corrosive Liquid, Basic, Organic, N.O.S., (Ethylenediamine Tetraacetic Acid, Tetrasodium Salt Solution)

Hazard Class: 8

Identification Number: UN3267

Packing Group: III

Reportable Quantity: None

Special Provisions for Transport: None

Section # 15 - Regulatory Information

TSCA: All components of the product are listed on the Toxic Substance Control Act Inventory or are excluded from listing requirements.

CERCLA/SARA: Not Applicable

SARA Title III Section 313: Not Applicable

FDA Approvals: 21 CFR 176.170 and 21 CFR176.180

Canada: All components of the product are listed on the Canadian Domestic Substances List (DSL).

Other Regulations:

Section # 16 - Other Information

<u>HMIS</u>	Health Hazard	2	<i>Note: Personal protective equipment (PPE) is related to conditions of use. Determination of PPE is the responsibility of the employer. Refer to Section #8 of this MSDS for recommendations</i>
	Fire Hazard	0	
	Reactivity	0	
	Personal Protection		

IMPORTANT: This MSDS was prepared and it to be used only for this product in its present form. This information is believed to be accurate and is compiled from sources believed to be reliable. Buyer assumes all risk of use, storage, and handling. Paradigm will not be liable for any claim relating to a party's use of or reliance on information and data contained herein. Paradigm makes no warranty of merchantability or other warranty of any kind, expressed or implied, with respect to this information and assumes no liability for any direct, incidental, or consequential damages resulting from its use.