


# Horizons Incorporated

## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

1. Product and Company Identification	
Product Name	Clearing Agent
Manufacturer's name	Horizons Incorporated
Address	18531 South Miles Road Cleveland, Ohio 44128
Emergency Telephone Number	(216) 475-0555
Information Telephone Number	(216) 475-0555

2. Hazards Identification	
<b>GHS Classification</b>	
H303 H333 H313 H316 H320	Acute toxicity, Oral – Category 5 Acute toxicity, Inhalation – Category 5 Acute toxicity, Dermal – Category 5 Skin corrosion/irritation – Category 3 Serious eye damage/eye irritation – Category 2B
<b>GHS Label Elements</b>	
Hazard Pictogram	
Signal Word	Warning
<b>Hazard Statements</b>	
H303 H313 H333 H316 H320	May be harmful if swallowed May be harmful in contact with skin May be harmful if inhaled Causes mild skin irritation Causes eye irritation
<b>Precautionary Statements</b>	
P280 P264 P302+P305+P352 P332+P313 P305+P351+P338  P337+P313 P312	Wear protective gloves and eye protection Wash thoroughly after handling IF ON SKIN OR EYES, flush area of contact with water If skin irritation occurs, get medical attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists, get medical attention Call a poison center/doctor if you feel unwell

3. Composition/Information on Ingredients		
Components/ Materials	CAS Number	%
High molecular weight polyelectrolyte solution	Not available	100
Contains no hazardous components per 29CFR1910.1200		

4. First Aid Measures	
Inhalation	Promptly remove to fresh air. Get medical attention if irritation persists.
Skin Contact	Flush skin with water after contact. Wash contaminated clothing before reuse.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	Only induce vomiting at the instruction of medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

<b>5. Fire Fighting Measures</b>	
<b>Flammable Properties</b>	Flash point – non-flammable
<b>Flammable Limits</b>	
Lower Flammable Limit	Not applicable
Upper Flammable Limit	Not applicable
<b>Hazardous Combustion Products</b>	Thermal decomposition can lead to the release of irritating gases and vapors, which may include (but are not limited to) oxides of carbon, nitrogen, & sulfur.
<b>Unusual Fire/Explosion Hazards</b>	None
<b>Extinguishing Media</b>	Use that of surrounding fire. Product is non-flammable.
<b>Special Firefighting Procedures</b>	Wear self-contained breathing apparatus & protective clothing to prevent contact with skin and eyes.

<b>6. Accidental Release Measures</b>	
<b>Small Spill</b>	Absorb spill with an inert material and place in a chemical waste container
<b>Large Spill</b>	Exercise caution when walking in the area of spillage as the product contains polymers that can be extremely slippery when wet. Contain spilled liquid with sand or earth. Absorb spill with an inert material and shovel into a chemical waste container. Prevent runoff from entering into sewers and ditches which lead into natural waterways.

<b>7. Handling and Storage</b>	
<b>Handling</b>	Avoid contact with eyes. Keep container closed. Use only in a well ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of mists and vapors. Avoid prolonged or repeated contact with skin.
<b>Storage</b>	Store between 65-85°F. Keep containers sealed when not in use.

<b>8. Exposure Control/Personal Protection</b>				
<b>Exposure Limits</b>				
Chemical Name	CAS No.	OSHA	ACGIH	NIOSH
Polyelectrolyte solution	Not available	ND	ND	ND
ND – Not Determined				
The ingredients listed for this product <b>are not</b> reported by NTP or IARC or regulated by OSHA as a carcinogen				
<b>Engineering Controls</b>	Control airborne concentrations below the exposure limits. Use only with adequate ventilation. Local exhaust ventilation may be necessary.			
<b>Respiratory Protection</b>	When respiratory protection is required, use a NIOSH approved air-purifying respirator equipped with a combination high efficiency particulate filter. For emergency and other conditions where exposure limits may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus or positive-pressure air line with auxiliary self-contained air supply.			
<b>Skin Protection</b>	Use chemical resistant gloves, such as nitrile or polychloroprene, when handling chemical products.			
<b>Eye Protection</b>	Use safety glasses with side shields or, preferably, chemical goggles.			

<b>9. Physical and Chemical Properties</b>	
Boiling Point	>100°C
Specific Gravity	1.15
% Volatiles	Not determined
Solubility in Water	Soluble in all proportions
pH	6-8
Odor	Odorless
Form	Viscous liquid
Color	Colorless
VOC	None

<b>10. Stability and Reactivity</b>	
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Conditions to Avoid</b>	Strong bases.
<b>Incompatibility</b>	None known.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to the release of irritating gases and vapors, which may include (but are not limited to) oxides of carbon, nitrogen, & sulfur.
<b>Hazardous Polymerization</b>	Will not occur

<b>11. Toxicological Information</b>	
Results of component toxicity test performed:	
Data for Polyelectrolyte solution	No data available

<b>12. Ecological Information</b>	
The following properties are ESTIMATED from the components of the preparations.	
Potential Toxicity:	
No data available	
Persistence and degradability	ND
Chemical Oxygen Demand (COD)	ND
Biochemical Oxygen Demand (BOD)	ND
Chemical Fate Information	ND

<b>13. Disposal Considerations</b>	
Small quantities may generally be discharged to sewers. Note that Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal. Contact a licensed professional waste disposal service to dispose of large quantities of this material	

<b>14. Transport Information</b>	
<b>Proper Shipping Name</b>	Chemicals, N.O.S., Not D.O.T. Regulated
<b>UN No.</b>	None
<b>IATA Class</b>	Not Regulated
<b>Packing Group</b>	Not applicable

<b>15. Regulatory Information</b>	
<b>U.S. Federal Regulations</b>	
<b>TSCA Section 8 (b) Inventory</b>	All components are listed on the TSCA Chemical Inventory
<b>OSHA</b>	Not hazardous by definition of Hazard Communications Standard (29CFR1910.1200)
<b>SARA Hazard Category</b>	
<b>SARA 302 Components</b>	None
<b>SARA 313 Components</b>	None
<b>SARA 311/312 Hazards</b>	Acute health hazard
<b>State Regulations</b>	
<b>Massachusetts Right To Know Components</b>	None
<b>Pennsylvania Right To Know Components</b>	None
<b>New Jersey Right To Know Components</b>	None
<b>California Proposition 65 Components</b>	This product <b>does not</b> contain a chemical known to the State of California to cause cancer.

<b>16. Other Information</b>	
<b>HMIS</b>	
H - 1	
F - 0	
R - 0	
PPE - B	
The information in this material safety data sheet should be provided to all who will use, handle, store, transport, or	

otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations & management, and for persons working with or handling this product. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions but does not purport to be all inclusive. Horizons Incorporated shall not be held liable for any damage resulting from handling or from contact with the above product.