

## Material Safety Data Sheet

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### Section I - Chemical Product And Company Identification

#### Product Name: Super Clarifier

CAS Number: N/A

HBCC MSDS No. CW00000



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### Section II - Composition/Information On Ingredients

Chemical Name	CAS Number	%	Exposure Limits (TWAs) in Air		
			ACGIH TLV	OSHA PEL	STEL
Proprietary Polyquaternary Amine Blend	42751-79-1	40-41%	N/A	N/A	N/A

### Section III - Hazard Identification

#### Summary of Acute Health Hazards

**Ingestion:** Not expected to be harmful by ingestion. This product is NSF Approved for potable water applications.

**Inhalation:** No known adverse effects.

**Skin:** Prolonged skin contact may cause irritation.

**Eyes:** Prolonged eye contact may cause irritation.

**Summary of Chronic Health Hazards:** N/A

**Summary of Toxic Effects:** N/A

### Section IV - First Aid Measures

**Ingestion:** If swallowed, do not induce vomiting.

**Inhalation:** Not expected to be harmful. Remove victim to fresh air.

**Skin:** Immediately flush with soap and water for at least 15 minutes.

**Eyes:** Flush with plenty of water for at least 15 minutes with eyelids open

**Medical Conditions Generally Aggravated by Exposure:** N/A  
**Note to Physicians:** N/A

### Section V - Fire Fighting Measures

**Flash Point (SFCC):** 200°F                      **Autoignition Temperature:** N/A  
**Lower Explosive Limit:** N/A                      **Upper Explosive Limit:** N/A  
**Unusual Fire and Explosion Hazards:** N/A  
**Extinguishing Media:** Use carbon dioxide, dry chemicals.  
**Special Firefighting Procedures:** A self-contained breathing apparatus should be worn by fire fighting personnel.

### Section VI - Accidental Release Measures

Avoid runoff into storm sewers and surface waterways. Dike and absorb spill with inert materials such as sand or sweeping compound. Dispose of waste material in accordance with federal, state, local or applicable laws and regulations.. Empty container should not be reused until commercially cleaned.

### Section VII - Handling and Storage

Keep container closed when not in use. Do not allow freezing.

### Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** None required when ventilation is acceptable.  
**Ventilation:** Work area should be well ventilated.  
**Protective Clothing:** Wear impervious rubber gloves.  
**Eye Protection:** Wear chemical splash goggles.  
  
**Other Protective Clothing or Equipment:** Eye wash fountains and safety showers are recommended.  
**Work/Hygienic Practices:** Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

### Section IX - Physical and Chemical Properties

**Physical State:** Liquid    **pH:** 5.0 - 7.0  
**Melting Point/Range:** -5°C    **Boiling Point/Range:** 100°C; (212°F)  
**Appearance/Color/Odor:** Clear, light amber-colored liquid; characteristic odor  
**Solubility in Water (g/100g):** Completely soluble                      **Vapor Pressure (mmHg):** N/A  
**Specific Gravity (Water=1):** 1.08 0.01    **Molecular Weight:** N/A

**Vapor Density (Air=1):** N/A

**% Volatiles:** N/A

**Odor Threshold:** N/A

**Freezing Point:** N/A

**How to detect this compound :** N/A

**Viscosity:** 8000 - 13,000 cps

### Section X - Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Do not allow freezing.

**Materials to Avoid:** Avoid strong oxidizers, iron, mild steel, copper, copper alloys, or aluminum.

**Hazardous Decomposition Products:** Oxide of nitrogen, carbon dioxide and/or carbon monoxide, and hydrogen chloride may be formed in a fire.

### Section XI - Toxicological Information

N/A

### Section XII - Ecological Information

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

### Section XIII - Disposal Considerations

Dispose of in an approved landfill in accordance with federal, state, and local regulations.

### Section XIV - Transport Information

**DOT Proper Shipping Name:** N/A

**DOT Hazard Class/ I.D. No.:** N/A

### Section XV - Regulatory Information

**Reportable Quantity:** N/A

**NFPA Rating:** Health - 1; Fire - 0; Reactivity - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Carcinogenicity Lists:** N/A **NTP:** N/A **IARC Monograph:** N/A **OSHA Regulated:** N/A

## Section XVI - Other Information

**Synonyms/Common Names:** N/A

**Chemical Family/Type:** N/A

**IMPORTANT!** Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, [Hill Brothers Chemical Company](#) makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.