

Product Name: N,N-Dimethyl-2-hydroxypropylammonium chloride polymer

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REVISION DATE 2007-07-20

DATASHEET ID MSDS0103

Section 1 - Chemical Product and Company Identification

Product Name: N,N-Dimethyl-2-hydroxypropylammonium chloride polymer

Supplier: GreatAp Chemicals Co.

Telephone Number: 0086-316-2098955

Fax number: 0086-316-2098956

Website: www.grechembld.com www.grechem.com.cn

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Section 2 - Composition, Information on Ingredients

Chemical Name: N,N-Dimethyl-2-hydroxypropylammonium chloride polymer

CAS #: 39660-17-8

Section 3 - Hazards Identification

EMERGENCY OVERVIEW - Amber colored viscous liquid with slight amine odor. Spills are very slippery. Avoid contact with skin eyes and clothing.

POTENTIAL HEALTH EFFECTS

EYES: Prolonged or repeated eye contact may cause irritation.

SKIN: Prolonged or repeated skin contact may cause irritation.

INHALATION: None expected.

INGESTION: May be harmful based on animal studies.

PRIMARY ROUTE OF ENTRY- Skin contact.

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Section 4 - First Aid Measures

INHALATION: Not expected to be harmful. Remove patient to fresh air.

SKIN: Flush immediately with soap and water for at least 15 minutes.

EYE CONTACT: Flush with water at least 15 minutes with eyelids open. Call a physician.

Section 5 - Fire Fighting Measures

EXPLOSIVE LIMITS:

EXTINGUISHING MEDIA: Not expected to burn unless heated to dryness. Residue may ignite. Use water, foam, carbon dioxide or dry chemical to extinguish.

SPECIAL EXPOSURE HAZARDS IN A FIRE: In a fire may liberate oxides of nitrogen, carbon or hydrogen chloride. Keep containers cool by spraying with water if exposed to fire.

SPECIAL PROTECTIVE EQUIPMENT: Self-contained breathing apparatus should be worn.

Section 6 - Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: Avoid runoff into storm sewers and ditches.

METHODS FOR CLEANUP: Recycle if possible. If not, dike and absorb spill with inert materials such as clays, sand, earth, or other commercially available dry sweeping compound, and collect for disposal in accordance with federal, state, local or other applicable laws and regulations. Large spills should be contained and pumped into salvage tanks. Product may cause a slip hazard. If slippery conditions persist, apply more dry sweeping compound.

Section 7 - Handling and Storage

HANDLING: Keep containers closed. Avoid contact with eyes, skin and clothing.

STORAGE: Avoid storage temperatures <320 F. Product may stratify.

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Section 8 - Exposure Controls, Personal Protection

ENGINEERING CONTROLS: General ventilation is recommended. Eyewash and safety shower stations are recommended.

EXPOSURE GUIDELINES: No MAC values have been established.

PERSONAL PROTECTIVE EQUIPMENT: See below

RESPIRATORY PROTECTION: Is normally not needed since volatility and toxicity are low. If significant vapors, mists, or aerosols are present, use NIOSH approved respirator (ANSI Z 882.1980) or equivalent

HAND PROTECTION: Wear impervious gloves.

EYE PROTECTION: Wear chemical splash goggles or face mask.

SKIN PROTECTION: If clothing is contaminated, wash skin and launder clothing.

NOTE: Before eating, drinking or smoking, wash face and hands thoroughly with soap and water.

Section 9 - Physical and Chemical Properties

Physical State: Colorless to light yellow clear liquid

Solid content: 60 %

Density(20°C): 1.15 -1.20 g/cm³

pH(10% water solution): 7.5-8.0

Section 10 - Stability and Reactivity

CHEMICAL STABILITY: Stable.

MATERIALS TO AVOID: Strong oxidizers, iron, mild steel, copper, copper alloys or aluminum.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen, carbon dioxide and/or carbon monoxide, and hydrogen chloride may be formed in a fire.

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Section 11 - Toxicological Information

No information available.

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Discharge, treatment, or disposal may be subject to national, state, or local laws.

Section 14 - Transport Information

General: Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.

Section 15 - Regulatory Information

No information available.

Section 16 - Additional Information

MSDS Creation Date: 2006-03-09

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Person to contact:

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