



Part Number: CL-023

Last Revised: September 9, 2013

Section 1 - Material Identification

Supplier: Martin Engineering
One Martin Place
Neponset, IL 61345

Telephone: 1-800-544-2947

CHEMTREC (24 HR Emergency Telephone), call: 1-800-424-9300

Medical: Rocky Mountain Poison Center: 1-303-623-5716

Trade Name: Dust Control Agent

Product Description: An opaque to white liquid having a slightly acrylic odor.

Product Use: Used as a dust control agent in industrial applications.

Section 2- Hazardous Ingredients

Classification: A white liquid having a slight characteristic odor. The mists and liquid may cause irritation to the eyes and skin. Inhalation of mists may cause mild or moderate irritation to the entire respiratory tract.

Primary Routes of exposure: Skin contact and inhalation.

Slip Hazard: Slip hazard when spilled.

Eyes: Exposure to the mists or liquid may cause eye irritation. Symptoms of exposure may include tearing, redness and irritation.

Skin: No more than slightly toxic. (based on components)

Ingestion: No more than slightly toxic. (based on components)

Remarks: Handle in accordance with good industrial hygiene and safety practices.

MATERIAL SAFETY DATA SHEET

<u>CAS #</u>	<u>Chemical</u>	<u>Composition</u>
Proprietary*	Vinyl-acrylic based polymer	3-60%
7732-18-5	Water	35-94%
137-40-6	Sodium Propionate	0-1%
9005-65-6	Tween 80	0-1%

*The specific chemical identity is withheld because it is trade secret information to the supplier.

While this material is not classified as hazardous under Federal OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other uses of this product.

Section 3 - Physical Data

Freezing Point:	Less than 0°C
Boiling Point:	Greater than 100°C
Physical State:	Liquid
Solubility in Water:	Miscible
Appearance:	White
Odor:	Slightly acrylic
pH:	estimated 4.5-5.5
Specific Gravity:	0.9982 g/ml at 20°C
Vapor Pressure:	17.500 mmHg at 20°C
Vapor Density:	No Data Available

Section 4 – Fire-Fighting Measures

Suitable Extinguishing Media:	Water. Dry Chemical, foam, Carbon dioxide. Use a water spray to cool the containers exposed to the heat of a fire.
Hazardous Combustion Products:	When burned the following hazardous products of combustion can occur: carbon oxides and hazardous organic compounds.
Specific Hazards:	Do not breathe smoke, gases or vapors generated.
Special Protective Equipment for Firefighters:	In the event of a fire, wear self-contained breathing apparatus and full protective equipment.
Flashpoint and Method Limits:	NA
Flammable Limits:	NA
Auto ignition Temperature:	NA

MATERIAL SAFETY DATA SHEET

Section 5 – First Aid Measures

- General Advice: Remove material from eyes, skin and clothing. In case of doubt or when symptoms persist, seek medical attention. Wash heavily contaminated clothing before reuse.
- Eye Contact: Hold eyelids apart and flush eyes with a steady, gentle stream of water for fifteen minutes. If eye irritation persists, seek medical attention.
- Skin Contact: Wash off with soap and plenty of water.
- Inhalation: Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
- Ingestion: If swallowed, give plenty of water to drink. Call a physician. DO NOT induce vomiting unless directed to do so by a medical personnel. Never give anything by mouth to an unconscious person.

Section 6 – Stability and Reactivity Data

- Stability: Material is stable under normal and anticipated storage, handling and processing conditions. Hazardous polymerization does not occur.
- Materials to Avoid: Multivalent metal salts and strong acids.
- Conditions to Avoid: Avoid excessive heat and all sources of ignition.
- Hazardous Decomposition Products: Thermal decomposition giving flammable and toxic products including acrylates, carbon oxides, and hazardous organic compounds.

Section 7 - Spill, Leak or Accident Procedures

Land Spill: Wearing recommended protective equipment and clothing dike the spill and pick up the bulk of liquid using pumps or a vacuum truck for potential recovery and return to the appropriate container. Absorb the remaining liquid using sand or a commercial absorbent; dispose as non-hazardous solid waste. Flush the spill area with water and collect the rinsates for disposal or sewer as appropriate.

Water Spill: Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and or treatment. As appropriate, notify all downstream users of possible contamination.

Disposal: Laws and regulations for disposal vary widely by locality. Observe all applicable regulations and laws. This material may be disposed of in solid waste in a manner similar to other nuisance dust materials. Disposal in sanitary landfill is usual but local regulations should be checked and observed.

Extinguishing Media: Large quantities of water. In case of a fire in close proximity, all means of extinguishing are acceptable. Self-contained breathing apparatus or approved gas mask should be worn due to small particle size. Use extinguishing media appropriate for surrounding fire. Apply cooling water to sides to transport or storage vessels that are exposed to flames until the fire is extinguished. Do not approach hot vessels that contain the product.

First Aid: After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Consult an ophthalmologist in all cases.

Section 8 - Special Protection or Handling

Storage: Store in a roofed and well-ventilated area in the unopened original package at ambient temperature and pressure. Store in a cool, dry area away from incompatible materials and products.

Protective Gloves: Vinyl or Rubber, neoprene nitrile butyl- rubber.

Eyes: Splash Goggles or Full Face Shield
Area should have approved means of washing eyes.

Ventilation: General exhaust.

Storage: Store in cool, dry, ventilated area.

Transportation: Not DOT regulated
Note IMDG regulated

Protect from incompatible materials.

Section 9- Exposure Controls/Personal Protection

Control Measures: Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions, in the work area, below the ACGIH-TLV, OSHA-PEL, or levels that may cause irritation.

Recommended Personal Protective Equipment:

Respirator: Respiratory protection is not normally required. However, for exposures above the ACGIH-TLV or OSHA-PEL, wear a NIOSH approved full face piece or half mask air-purifying cartridge respirator equipped with a good mist/particulate cartridge or supplied air.

Eyes: Wear chemical goggles (recommended by ANSI Z87.1-1979), unless a full face piece respirator is worn.

Clothing & Equipment: If splashing or contact is likely, wear a Neoprene or Natural Rubber apron when handling this product. An eye wash station and safety shower should be available in the work area.

Footwear: If contact is likely, wear Neoprene or Natural Rubber boots.

Section 10- Toxicology

Data on this material and/or similar material are summarized below.

Acute toxicity:

Oral: No more than slightly toxic. Rat LD50 > 2,000 mg/kg

Dermal: No more than slightly toxic. Rat LD50 > 2,000 mg/kg

Reported Human Effects: No human toxicity studies have been carried out with this product. Due to the physical nature of this product, may cause eye, skin and respiratory irritation.

Section 11- Ecological Information

Environmental Fate: No data available.

Ecotoxicology: Data on this material and/or similar are summarized below.

Aquatic toxicity data: Practically nontoxic. LC50 > 100 mg/L (dispersion)

MATERIAL SAFETY DATA SHEET

Section 12-Regulatory Information

Carcinogenic Potential:

Regulated by OSHA: No

Listed on NTP Report: No

Listed by IARC: No

IARC Group: NA

ACGIH Appendix A: Not listed

A 1 Confirmed Human: NA A 2

Confirmed Human: NA

US EPA Requirements:

Release Reporting CERCLA (40 CFR 302)

Listed Substance: Not listed

Reportable Quantity: NA

Category: NA

RCRA Waste No. NA

Unlisted Substance: NA

Reportable Quantity: NA

Characteristic: NA

RCRA Waste No: NA

SARA TITLE III

Section 302 & 303 (40 CFR 355)

Listed Substance: Not listed

Reportable Quantity: NA

Planning Threshold: NA

Section 311 & 312 (40 CFR 370)

Hazard Categories: Fire: N Sudden Release of Pressure: N Reactive: N

Acute Health: Y Chronic Health: N

Planning threshold: 10,000 pounds

Section 313 (40 CFR 372)

Listed Toxic Chemical: Not listed

Planning Threshold: NA

US TSCA Status

Listed (40 CFR 710): Yes

State Regulations: State of California: Safe Drinking Water and Toxins Enforcement Act. 1986 (Proposition 65)

Carcinogen: No

Reproductive Toxin: No

State Right To Know Laws: NJ, PA, CA

Section 13-Disposal Considerations

Waste Disposal: Disposal via incineration is recommended. Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Section 14 - Other Information

Materials containing reactive chemicals should be used only by personnel with appropriate chemical training. This product is not formulated to contain any substances which the State of California has found to cause cancer and/or birth defects or other reproductive harm.

Martin Engineering provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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