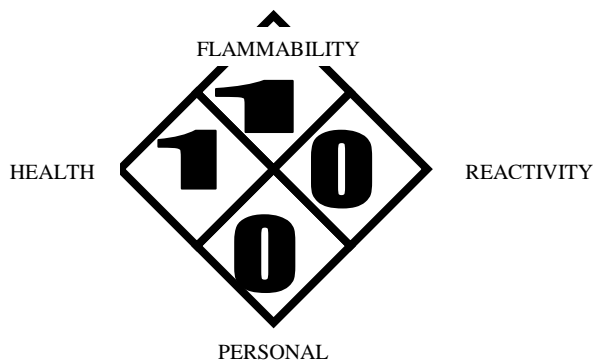




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WATERMAIN MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: WATERMAIN
Chemical Family: Superabsorbent polyacrylamide

II. HAZARDOUS INGREDIENTS

The product when wet renders surfaces extremely slippery. The product swells in water.

III. PHYSICAL PROPERTIES

Form: Granular Solid
Color: White
Odor: None
Melting Point: Not Applicable
Flash Point: Not Applicable

IV. FIRE and EXPLOSION DATA

Extinguishing Media: Water, CO2, Foam, Dry Chemical
Special Firefighting Precautions: The product when wet renders surfaces extremely slippery. The product swells in water.
Protective equipment for firefighters: No special protective measures against fire required

V. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will NOT Occur
Incompatibility: Caution necessary with strong oxidizing agents
Hazardous Decomposition Products: Thermal decomposition may produce hydrogen cyanide (hydrocyanide acid), nitrogen oxides (Nox), carbon oxides.

VI. HEALTH HAZARD INFORMATION

Exposure from Routine Use: None known.
Effects of Overexposure: Prolonged exposure to high levels of airborne dust may cause sneezing, coughing, or other nuisance symptoms. Inhaled dust may cause respiratory irritation.
Exposure Limits: The OSHA 8-hour TWA for total dust is 15 mg/cu meter (5 mg/cu meter for the respirable fraction.) The ACGIH TLV-TWA is 10 mg/cu meter. LD50 Oral Ingestion: 380 mg/kg (rats), toxic.
Acute toxicity:
Oral: Non toxic LD50/oral/rat>5000 mg/kg *Dermal:* Non Toxic LD50/dermal/rabbit>2000 mg/kg
Irritation:
Skin: Non Irritating *Sensitization:* Non Sensitizing
Eyes: Moderate eye irritation due to effects all powders have on conjunctivae
Emergency First Aid:
Eye Contact: Rinse immediately with water. Remove contact lenses, flush eyes with water. Contact Physician
Ingestion: Toxic. Rinse mouth. Induce vomiting. Contact physician.
Skin Contact: Wash effected area with soap and water. Seek medical attention if irritation persists. Launder contaminated clothing before re-use.
Inhalation: Move to fresh air to relieve nuisance symptoms.

VII. ENVIRONMENTAL DATA

Spill or Leak Procedures: Spills or releases of this material do not currently trigger the emergency release reporting requirements under the federal Superfund Amendments and Reauthorization Act of 1986 (SARA.) Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Sweep up and collect dry product. Absorb wet product with sweeping compound or other inert material. Water wash area to eliminate slip hazard. Vacuum wet spills or water wash area.

Waste Disposal Method: Disposal must be in accordance with local, state, and federal regulations.

Clean Water Act Requirements: None.

VII. PERSONAL PROTECTIVE EQUIPMENT

Engineering controls: Use local exhaust if dusting occurs.
Natural ventilation is adequate in absence of dusts

Personal Protection Equipment

Respiratory Protection: Dust safety masks are recommended where concentration of total dust is more than 10mg

Hand Protection: Gloves are recommended

Eye Protection: Safety glasses with side shields. Do not wear contact lenses

Skin Protection: No special protective clothing required

Hygiene Measures: Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice

VIII. REGULATORY INFORMATION

Transportation: DOT Hazard Class: Non-Hazardous, Non-Regulated. Proper Shipping Name: None. Hazard Class: None. Label Required: None. Identification No.: None. Commodity Class: N/A. DOT Emergency Guide (ERG)#: 31. Other Pertinent Information: None.

T.S.C.A.: In compliance.

SARA: Not subject to reporting. No components are 313 Toxic Chemicals.

IX. SPECIAL PRECAUTIONS AND EQUIPMENT

Handling: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

Storage: Keep in a dry, cool place (0-35° C)

X. ADDITIONAL INFORMATION

Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry-clean before re-use.

The information and recommendations contained herein are believed to be reliable and accurate. This document is offered in good faith. The information relates to the specific material designated, and may not be valid for such material used in combination with any other materials, in any process, or if used in a manner other than for which it is intended. Since the actual use by others is beyond our control, no guarantee, express or implied, is made. User assumes all risk and responsibilities, including, but not limited to, satisfying himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.