# SAFETY DATA SHEET

## Section One: Name of the Product and of the Distributor

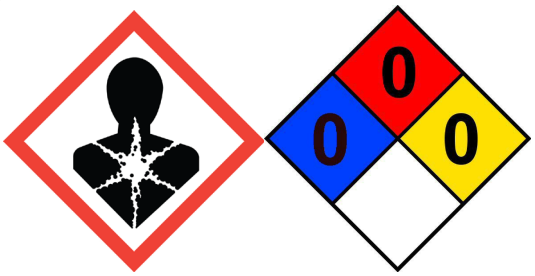
Product Name: Drain Mate
CASRN: None
Synonyms: None

Distributed By: American Cleaning Technologies Inc. P.O. Box 386 Dacono, Colorado 80514-0386
Phone:303-833-5393

## Section Two: Hazard Identification

**Signal Word: Warning (ANSI Z535: CAUTION)**

H303: May be harmful if swallowed H373, H351, H333


## Section Three: Composition

The constituents of this product are being withheld under the provisions of 29 CFR §1910.1200(i). A full disclosure SDS is available to industrial hygienists, physicians and treating nurses.

## Section Four: First Aid

Inhalation Exposure: Remove the person to fresh air.

Note to physician: for clinically sensitized persons, respiratory distress due to an anaphylactic reaction to plant fibers, similar to byssinosis, and or (to a lesser extent) subtilisin exposures may occur.

Eye Contact: Minor injury to the eyes may result if the powder is placed directly into the eyes. Normal use as directed is not expected to result in eye contact. In the event of contact, immediately flush with large amounts of isotonic eyewash. If eyewash is not available, flush eyes with lukewarm water. Seek medical evaluation.

Skin Contact: Wash exposed skin with warm water and soap.

## Section Five: Fire Fighting

Not combustible. Will not contribute to combustion.

| Flash Point | Auto ignition Temperature | L.E.L. | U.E.L |
|---|---|---|---|
| Will not flash | Will not auto-ignite | >10,000 mg/m3 (estimated) | NA |

## Section Six: Accidental Release

Spills and Emergencies: Sweep the dry material and dispose of as non-hazardous material. If large quantities are spilled (greater than 10 pounds), ACT, Inc. recommends collection of the powder and disposal at an industrial landfill.

## Section Seven: Handling and Storage

Hazardous Decomposition Products: The addition of water will may result in the generation of gentle heat. Mineral acids (muriatic acid etc.) will result in effervescence and generation of carbon dioxide.

Incompatibility: The presence of acids will generate some carbon dioxide.

Handling: This material may irritate unprotected skin, eyes and mucus membranes.

Storage: Store in a sealed container in a dry location.

## Section Eight: Exposure Controls/Personal Protection

**NOTES AND DISCUSSION ARE IN SECTION ELEVEN**

Ventilation: Standard industrial hygiene ventilation practices should be used to control human exposures to this product. It is anticipated that simple dilution ventilation will be adequate to control exposures.

Personal Protective Equipment:

Clothing: Standard work clothing will provide adequate protection. The clothing should be removed at the end of the work shift and maintained at the work site.

Gloves: Standard nitrile, latex or leather gloves will provide adequate protection. (Gloves are not needed to use the product when used as directed).

Eye Protection: Standard safety glasses with side shields are recommended.

Respiratory Protection: It is the opinion of ACT, Inc. that respiratory protection is not needed when used as directed. Workplace controls and good work practices are better than personal protective equipment including the use of respirators. These recommendations are only guidelines and may not apply to every situation. Respiratory protection equivalent to either N100 or the older HEPA filter (APR with a DFM (purple) cartridge) will provide adequate protection.

Personal Decontamination: Good personal hygiene should be exercised by all users of our product.

## Section Nine: Physical and Chemical Characteristics

| | |
|---|---|
| Boiling Point (°F): | >1000 °F(with significant weight loss at elevated temperatures) |
| Specific Gravity: | 1.1 g/cm3 |
| Melting Point: | >1000 °F |
| Vapor Density: | Will not form vapor at normal temperature and pressure. |
| Vapor Pressure: | Will not form vapor at normal temperature and pressure. |
| Molecular Weight: | Complex Mixture |
| Solubility(%v/v): | <5% (Estimated) |
| Photoreactive VOC's: | None |
| pH: | Not determined for the dry material |
| Evaporation Rate: | Will not evaporate |
| % Volatility: | <0.1% |
| Odor Threshold: | Not determined, anticipated to be greater than 7, less than 12 |
| Odor: | Dry dusty odor |
| Appearance: | Gray powder |

## Section Ten: Stability

Stability: Material is stable. Spontaneous polymerization or reactions will not occur.

## Section Eleven: Toxicological Information

This product contains inconsequential concentrations of silica (total amorphous/crystalline silica is approximately 0.1%). The OSHA PEL for respirable quartz in this product is roughly estimated to be 0.5 mg/m3 of total product. The PEL for total quartz in this product is roughly estimated as 1.5 mg/m3 of total product. The product has not been evaluated for the presence of other silica morphs such tripoli, tridymite and cristobalite which are considered to be present in trace amounts.

According to the best information available controlling exposures to 1.0 mg/m3 of total product will control exposure to the occupational limits of the silica. Persons allergic to corn may observe irritation when exposed to dust form the product.

Due to the silica content, NIOSH considers the material to be a carcinogen and recommends the lowest feasible exposure concentration.

Persons with cotton or corn hypersensitivity or cross-sensitivities should avoid contact with the dust. Industrial hygienists, physicians and others permitted by 29 CFR 1910.1200 (i)(2) may contact the emergency number for Product Services Company of Jackson Mississippi at (601) 922-0868 and reference "Oil Gator" for a complete composition breakdown.

Note 3: PNOC Total 15 mg/m3; respirable 5 or 3 mg/m3

General Discussion: The primary adverse health concerns with the product are due to incidental silica content. Smokers who use our product will be at a greater risk of contracting adverse health problems.

Notes to Industrial Hygienist and Physician: ACT, Inc. recommends that exposures to people with TB, silicotics and others with interstitial lung diseases or fibrosis of the lung should be controlled to a conservative level.

Acute Health Effects: Ingestion may cause gentle CO2 gas production in the stomach. Anaphylactic (allergic) reaction may occur in people sensitive to cotton-like dusts.

Chronic Health Effects: Although not expected when used as directed, abuse and careless application may result in silicosis or silicotic-like lung changes.

Cancer Hazard: Various morphs of silica have different carcinogenic ratings. This product is considered to contain a carcinogen due to the silica content. On Jume 4, 1999, the California Environmental Protection Agency's Office of Environmental Health Hazard Assessment (OEHHA), issued a "*Safe Use Determination for Crystalline Silica in Sorptive Mineral-based Pet Litter*." The ACT product is anticipated to contain less silica than the sorbtive materials in that study, and the exposures are anticipated to be lower.

## Section Twelve: Ecological Data

Ecological data were determined from a similar ACT product that represents the worst case scenario. Those tests indicated an ecologically safe product. This product would be even less toxic than the model product used in the determination.

## Section Thirteen: Disposal

Waste Disposal: If this material is disposed of in its raw form, the product probably would not meet the definition of a hazardous waste as defined by RCRA. However, if large quantities are spilled (greater than 10 pounds), ACT, Inc. recommends collection of the powder and disposal at an industrial landfill

## Section Fourteen: Transport

DOT/TDG Information: Shipping Name: Not Regulated.

## Section Fifteen: Regulatory Considerations

15.1. US Federal regulations: Contains minor amounts of silica. SARA Section 311/312 Hazard Classes: Delayed (chronic) health hazard (silica), listed on the United States TSCA (Toxic Substances Control Act) inventory

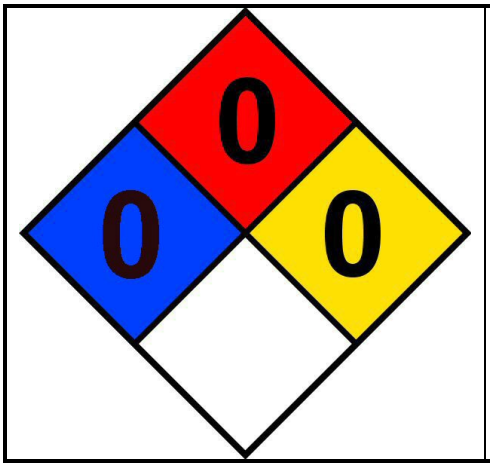
Environmental Regulations Resource Conservation and Recovery Act: If our product were discarded as purchased, the material would probably not be a hazardous waste as defined by RCRA. However, it remains the responsibility of the end user to determine compliance with RCRA and to perform testing as specified under 40 CFR §261.21 though §261.24. The following table addresses the expected listing for our product under RCRA.

| | |
|---|---|
| §261.21 Ignitability | No |
| §261.22 Corrosivity | No |
| §261.23 Reactivity | No |
| §261.24 Toxicity (D Code) | None |
| F CODES | Unknown |
| K CODES | No |
| P CODES | No |
| U CODES | Unknown |

Water Pollution Control Act: Not determined. This material should not be disposed of in municipal services or natural waters.

Community Right to Know (SARA III)

| | |
|---|---|
| Spill Reportable Quantity (§302) | NA |
| SECTION 311(§370) | NA |
| SECTION 312(§370) | NA |
| SECTION 313(§372.65) | NA |
| EXTREMELY HAZARDOUS LIST(§355) | No |




Hazardous Material Information System

| | |
|---|---|
| Health | 0 |
| Flamability | 0 |
| Physical Hazard | 0 |
| Personal Protection | 0 |

Toxic Substance Control Act: All of the constituents found in the product are believed to be on the TSCA inventory.

State Regulations: This SDS has been prepared to comply with the provisions found in the Federal Department of Labor OSHA Hazard Communication Standard. Several states, most notably CA, PA, NJ and MA have independently promulgated regulations pertaining to SDSs. ACT, Inc. has not specifically determined if this SDS is in compliance with the provisions for any particular state. The information provided below is for general information only and is not necessarily complete. It is possible that the product contains other compounds which appear on various state lists.

California Proposition 65: Silica is included on the California "List of Chemicals Known to the State to Cause Cancer or Reproductive Toxicity." We believe that the information contained in this SDS provides the information needed under Proposition 65 for the employer to inform the employee of the reproductive and carcinogenic hazards.

Massachusetts, NJ, Pennsylvania
This SDS has not been prepared specifically to comply with these state regulations and may or may not contain compounds present at such levels which could require reporting as required by the state.

## Section Sixteen: Dates and General Information

Date of preparation: November 11, 2024
Version 2024.1

DISCLAIMER

The information contained in this SDS relates specifically to the material and may not be valid if used in combination with other materials or in any unspecified process. The information on our product is accurate to the best of our knowledge but does not purport to be all inclusive and must only be used as a general guide. It is the user's responsibility to ensure that the product will be suitable for their particular use. The user assumes all responsibility for compliance with applicable Federal, State and Local Regulations. We do not accept liability for damage or loss that may occur from the use of this information.