

## DD2000

### SECTION 1. IDENTIFICATION

|                            |  |
|----------------------------|--|
| <b>Product Identifier</b>  | DD2000   |
| <b>Recommended Use</b>     | DRILLING ADDITIVE -<br>FORAGE ADDITIF -<br>PERFORACIÓN ADITIVO.  |
| <b>Manufacturer</b>        | Control Chemical (1989) Corporation, 7016 30 Street S.E., Calgary, AB, T2C 1N9,<br>403-720-7044, www.matex-ccc.com |
| <b>Emergency Phone No.</b> | Control Chemical (1989) Corporation, 403-720-7044, 24 Hours  |
| <b>SDS No.</b>             | 0016   |

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

##### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing.

#### Most Important Symptoms and Effects, Acute and Delayed

If in eyes: may cause slight irritation as a "foreign object". Tearing, blinking and mild temporary pain may occur as particles are rinsed from the eye by tears.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

##### Unsuitable Extinguishing Media

None known.

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### Specific Hazards Arising from the Product

Does not burn. Forms slippery compound when mixed with water.

### Special Protective Equipment and Precautions for Fire-fighters

The use of self-contained breathing apparatus is recommended for fire fighters.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Ensure area is well ventilated. If ventilation is inadequate, wear NIOSH-approved respiratory protection. Wear rubber gloves and boots when cleaning up material.

### Environmental Precautions

Do not allow product to enter sewers, drains, waterways, or confined spaces.

### Methods and Materials for Containment and Cleaning Up

Avoid creating or breathing dust. Use appropriate tools to put the spilled solid in a convenient waste disposal container. After cleaning, flush away traces with water, wet product may create a slipping hazard. Collect washing for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Wear personal protective equipment to avoid direct contact with product. Caution: water contact with product will cause slippery conditions.

### Conditions for Safe Storage

Store in a tightly sealed container. Keep containers tightly closed when not in use or when empty. Store in a cool, dry, well ventilated area. Keep separate from incompatible materials (see section 10).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

Wear chemical resistant gloves. Wear clothing as required to protect against contact.

#### Respiratory Protection

If vapour or dusts are present, use a NIOSH-approved air-purifying respirator as needed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|                                     |   |
|-------------------------------------|---|
| <b>Appearance</b>                   | White powder.                                     |
| <b>Odour</b>                        | Odourless   |
| <b>Odour Threshold</b>              | Not available                                     |
| <b>pH</b>                           | 3 - 5 (0.5% solution)                             |
| <b>Melting Point/Freezing Point</b> | Not available (melting); Not available (freezing) |
| <b>Initial Boiling Point/Range</b>  | Not available                                     |
| <b>Flash Point</b>                  | > 93.3 °C (199.9 °F)                              |
| <b>Evaporation Rate</b>             | Not available                                     |

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| <b>Flammability (solid, gas)</b>                        | Will not burn.                               |
| <b>Upper/Lower Flammability or Explosive Limit</b>      | Not available (upper); Not available (lower) |
| <b>Vapour Pressure</b>                                  | Not available                                |
| <b>Vapour Density (air = 1)</b>                         | Not available                                |
| <b>Relative Density (water = 1)</b>                     | ~ 0.75                                       |
| <b>Solubility</b>                                       | Soluble in water                             |
| <b>Partition Coefficient, n-Octanol/Water (Log Kow)</b> | Not available                                |
| <b>Auto-ignition Temperature</b>                        | Not available                                |
| <b>Decomposition Temperature</b>                        | Not available                                |
| <b>Viscosity</b>  | Not available (kinematic)                    |

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Generation of dust.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Oxides of Carbon oxides of Nitrogen.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

Not a skin irritant. May cause mechanical irritation.

### Serious Eye Damage/Irritation

Not an eye irritant. May cause slight irritation as a "foreign object". Tearing, blinking and mild temporary pain may occur as particles are rinsed from the eye by tears.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not harmful Can be slightly irritating to the respiratory system.

#### Ingestion

Not harmful.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

Not specifically evaluated.

### Reproductive Toxicity

#### Development of Offspring

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No information was located.

**Sexual Function and Fertility**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

**Ecotoxicity**

No long term effects.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

Studies are not available.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose of in accordance with all applicable Federal/Provincial and Local regulations.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

**WHMIS 1988 Classification**

Not a WHMIS controlled product.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All intentional components of this product are either on the DSL, the confidential DSL or notifications / import restrictions are in place.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Control Chemical (1989) Corporation

**Phone No.** 403-720-7044

Product Identifier: DD2000

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Date of Preparation: November 17, 2015

**Date of Preparation** November 17, 2015  
**Date of Last Revision** January 11, 2018  
**Revision Indicators** SECTION 14. TRANSPORT INFORMATION; Shipping Information.  
**Disclaimer** To the best of our knowledge the information contained herein is accurate. However neither the above named supplier, nor any of it's subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein

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