

# Safety Data Sheet

## Section 1: Product identification and use

**Product Identifier:**

# DI-79

**Process Identifier:**

**Organic DI-79 water sheathing dust control/suppression fluid from environmentally renewable natural resources**

24H EMERGENCY: 613-996-6666

**Manufacturer's name and address:**

**Tetra-Chem Industries Ltd.**

271 Ingersoll St. S., Ingersoll ON N5C 3J7 Canada

Tel: 519-485-4370 — Toll free: 888-658-5515 — Fax: 855-762-4446

**Supplier's name and address:**

**Andemar Dust & Ice Control Ltd.**

60 Water St. S. Suite #2, P. O. Box 2410 ST. MARYS, ON N4X 1A3 Canada

Phone: 519-871-4703 — Fax: 226-661-6611

## Section 2: Hazard identification

**GHS Classification**

Eye Irritation—Category 2B

**Pictograms**

**Signal Word**

Warning

**Hazard Statements**

H320—Causes eye irritation.

**Precautionary Statements**

P264—Wash hands thoroughly after handling.

P305+P351+P338—IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing.

P337+P313—If eye irritation persists get medical advice or attention.

## Section 3: Composition / information on ingredients

**Hazardous Ingredients:**

**CHEMICAL NAME**

**CAS NUMBER**

**CONCENTRATION [%]**

No reportable Hazardous Substance

## Section 4: First aid measures

**Description of First Aid Measures**

**General:** Low risk to adverse health effects.

**Inhalation:** Excessive exposure - move the fresh air.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Remove contact lenses. Rinse with cold water or saline solution.

**Ingestion:** Seek immediate medical attention. Do not induce vomiting.

**Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Low risk to adverse health effects.

**Inhalation:** Not anticipated to be an inhalation hazard.

**Skin Contact:** Not anticipated to be a skin hazard.

**Eye Contact:** Irritation, redness is rare.

**Ingestion:** Possible gastrointestinal irritation if swallowed.

## Section 5: Fire-fighting measures

**Extinguishing Media**

**Suitable Extinguishing Media:** All standard firefighting media.

**Unsuitable Extinguishing Media:** None.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Hot material will burn if ignited. Know the Fire Extinguisher location at your workstation.

**Explosion Hazard:** None under normal conditions.

**Reactivity:** Stable under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Isolate material.

**Firefighting Instructions:** Keep the container cool.

**Protection During Firefighting:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**Hazardous Combustion Products:** Oxides of Carbon and acrolein.

## Section 6: Accidental release measures

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

**General Measures:** Spills on floors are slippery.

**For Non-Emergency Personnel**

**Protective Equipment:** Non-slip footwear, safety glasses and protective gloves.

**Emergency Procedures:** Ventilate area. Keep away from sources if ignition.

Stop mobility using suitable oil absorbing materials for small spills.

**Phone Number of your local authority for Emergency Spill Response:**

**For Emergency Personnel**

**Protective Equipment:** Non-slip footwear, safety glasses and protective gloves.

**Emergency Procedures:** Ventilate area.

**Environmental Precautions**

**Methods and Material for Containment and Cleaning Up**

**For Containment:** Stop mobility with suitable absorbent.

**Methods for Cleaning Up:** Large spills are not likely but should be contained and resultant waste properly classified prior to disposal (See Section 13).

## Section 7: Handling and storage

**Precautions for Safe Handling**

**Additional Hazards When Processed:** None when stored in original container.

Label all containers properly. See GHS WORKPLACE LABEL in your work area.

**Hygiene Measures:** Personal Protection Equipment required when handling.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Provide sufficient air exchange in work rooms.

**Storage Conditions:** Normal storage.

**Incompatible Materials:** This product has an approved dedicated application.

Consult Manufacturer or Supplier for compatibility.

**Special Rules on Packaging:** Consult Manufacturer or Supplier.

**Specific End Use(s)** TCI 3400 H.D. Organic DI-79 water sheathing dust control/suppression fluid from environmentally renewable natural resources is applied in Environmentally Sensitive Area Roads, Dry Arid Area Roads, Mining Roads, Cement Processing and Loading Yards, Horse Riding Arenas, and Poultry Barn Farming Operations.

See Product Application Sheet for safe intended use

## Section 8: Exposure controls / personal protection

Control Parameters  
ACGIH TLV: Not applicable.  
OSHA PEL: Not applicable.

Exposure Controls  
Appropriate Engineering Controls: Adequate ventilation to meet exposure limits by removing the hazard from the work environment.

### Personal Protective Equipment:



Other Information: Handle in accordance with good hygiene and safety practices and procedures.

## Section 9: Physical and chemical properties

### Information on Basic Physical and Chemical Properties

Physical State: Liquid.  
Appearance: Light to dark brown.  
Odour: Odourless.  
Odour Threshold: No available.  
pH: 5.  
Relative Evaporation Rate (butyl acetate=1): < 0.01  
Melting Point: Not applicable.  
Freezing Point: 0°C  
Boiling Point: 100°C  
Flash Point: > 177 °C.  
Auto-ignition Temperature: Not applicable.

Decomposition Temperature: Not determined.  
Flammability (solid/gas): Not determined.  
Lower Flammable Limit: Not applicable.  
Upper Flammable Limit: Not applicable.  
Vapour Pressure: 0.09 mmHg @ 20°C  
Relative Vapour Density at 20°C: Not applicable.  
Relative Density (water = 1): 0.99  
Solubility in Water: Partly soluble.  
Partition coefficient: n-octanol/water: Not determined.  
Viscosity: 30 centipoise  
Explosion Data - Sensitivity to Mechanical Impact: No.  
Explosion Data - Sensitivity to Static Discharge: No.

## Section 10: Stability and reactivity

Reactivity: Stable.  
Chemical Stability: Stable under normal conditions.  
Possibility of Hazardous Reactions: No decomposition under normal conditions.

Conditions to Avoid: Excessive heat, flames and sparks.  
Incompatible Materials: Strong Oxidizing Agents.  
Hazardous Decomposition Products: Oxides of Carbon & Acrolein

## Section 11: Toxicological information

### Information on Toxicological Effects—Product

Acute Toxicity: Not applicable.  
LD<sub>50</sub> Data (Species—Route): Not applicable.  
LC<sub>50</sub> Data (Species—Route): Not applicable.  
Skin Corrosion/Irritation: No available evidence  
Serious Eye Damage/Irritation: May cause mild, short-lasting discomfort.  
Respiratory or Skin Sensitization: No available evidence.  
Germ Cell Mutagenicity: No available evidence.  
Teratogenicity: No available evidence.  
Carcinogenicity: No available evidence.

Specific Target Organ Toxicity (Repeated Exposure): No available evidence.  
Reproductive Toxicity: No available evidence.  
Specific Target Organ Toxicity (Single Exposure): No available evidence.  
Aspiration Toxicity Hazard: No available evidence.  
Symptoms/Injuries After Inhalation: No available evidence.  
Symptoms/Injuries After Skin Contact: No available evidence.  
Symptoms/Injuries After Eye Contact: Itching/Redness may occur.  
Symptoms/Injuries After Ingestion: No available evidence.  
Information on Toxicological Effects—Ingredients  
No available evidence.

## Section 12: Ecological information

Toxicity: Not expected to be harmful to aquatic organisms or demonstrate chronic toxicity. None of the ingredients are hazardous atmospheric pollutants.  
Mobility in Soil: Expected to be readily biodegradable.

Other Adverse Effects  
Other Information: VOC's (EPA method 24) 0 g/L.

## Section 13: Disposal considerations

Waste Disposal Recommendations: Consult Manufacturer or Supplier.  
Additional Information: The cleaning process may generate a hazardous industrial waste. Comply with Canadian Ministry of Environment and Climate Change: Regulation 347 and local municipal by-laws. Comply with US EPA's federal, state & local

regulations. Tetra-Chem Industries Ltd. is licensed by the Ministry of the Environment and Climate Change for waste management.  
Ontario Certificate of Approval # A 800506.  
Provincial Waste Class: Not applicable.

## Section 14: Transport information

TDGA CANADA - DANGEROUS GOODS: NON-REGULATED  
49 CFR (USA) DANGEROUS GOODS: NON-REGULATED  
IMDG (VESSEL) DANGEROUS GOODS: NON-REGULATED  
IATA (CARGO AIR) DANGEROUS GOODS: NON-REGULATED  
IMDG (PASSENGER AIR) DANGEROUS GOODS: NON-REGULATED

EMERGENCY ASSISTANCE: CANADA Canutec 1-888-CANUTEC (1-888-226-8832)

### Proper Shipping Name:

Hazard Class:  
Identification Number:  
Packing Group:  
Label/Placard Codes:

## Section 15: Regulatory information

CANADA: All ingredients are listed on the DSL Domestic Substance List.

USA: All ingredients are listed on the TSCA Toxic Substances Control Act.

## Section 16: Other information

Prepared by: Health and Safety Committee  
Contact: A. Struthmann Hon. B.Sc.  
Telephone: 1-519-536-1617  
Date prepared: 2020-06-05

Additional information: The information in this SDS has been obtained from sources believed to be reliable. The manufacturer and supplier provides no warranties express or implied and assumes no responsibility for the accuracy or the completeness of the data contained herein.