

Safety Data Sheet

Section 1: Product identification and use

Product Identifier:

Process Identifier:

TCI 3400 H.D.

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.
LD₅₀ Data (Species—Route): Not applicable.
LC₅₀ 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
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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.