

# Safety Data Sheet

## Section 1: Product identification and use

**Product Identifier:**

# TCI 806 H.D.

**Process Identifier:**

## Aromatic isocyanate solvent/water coupler and water rinse

24H EMERGENCY: 613-996-6666

**Manufacturer's name and address:**

**Tetra-Chem Industries Ltd.**  
271 Ingersoll St. S., Ingersoll ON N5C 3J7 Canada  
Phone: 519-485-4370 — Toll free: 888-658-5515

**Supplier's name and address:**

**Tetra-Chem Industries Ltd.**  
271 Ingersoll St. S., Ingersoll ON N5C 3J7 Canada  
Phone: 519-485-4370 — Toll free: 888-658-5515

## Section 2: Hazard identification

**GHS Classification**

Not a hazardous chemical constitution.

**Signal Word**

**Hazard Statements**

**Pictograms**

**Precautionary Statements**

P264 Wash hands thoroughly after handling.

## Section 3: Composition / information on ingredients

**Hazardous Ingredients:**

**CHEMICAL NAME**  
Dipropylene glycol n-butyl ether

**CAS NUMBER**  
29911-28-2

**CONCENTRATION [%]**  
80-100

## Section 4: First aid measures

**Description of First Aid Measures**

**General:** Determine and identify areas of exposure.

**Inhalation:** No exposure risk.

**Skin Contact:** Rinse with water.

**Eye Contact:** Remove contact lenses. Keep eye wide open and rinse with plenty of water or saline solution for 15 minutes.

**Ingestion:** DO NOT induce vomiting. Follow directions by medical personnel.

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

**General:** Determine and identify areas of exposure.

**Inhalation:** No exposure risk.

**Skin Contact:** Irritation and/or redness may develop on sensitive skin.

**Eye Contact:** Persistent redness and/or irritation requires medical attention.

**Ingestion:** Very low toxicity. Half life is 12-24hrs in Humans with the ex-creation of metabolites occurring primarily through the urine.

## Section 5: Fire-fighting measures

**Extinguishing Media**

**Suitable Extinguishing Media:** Water spray or Dry chemical.

**Unsuitable Extinguishing Media:**

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

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

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

**Reactivity:** Stable under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Product could release flammable vapors when heated. Keep containers cool.

**Firefighting Instructions:** Consider the circumstances and the surrounding environment.

**Protection During Firefighting:** Wear self-contained breathing apparatus.

**Hazardous Combustion Products:** Oxides of Carbon, hydrocarbon fumes.

## 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 and safety glasses.

**Emergency Procedures:** Ventilate area if indoor temperatures reach 30°C plus. Mop up small spills and dispose to sanitary sewer.

Product is only packaged in small containers. No threat of large spills exist.

**For Emergency Personnel**

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

**Emergency Procedures:** Ventilate area if indoor temperatures reach 30°C plus.

**Environmental Precautions**

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

**For Containment:** Dike or vacuum up.

**Methods for Cleaning Up:** Mop up small spills and dispose to sanitary sewer.

Product is only packaged in small containers. No threat of large spills exists.

## Section 7: Handling and storage

**Precautions for Safe Handling**

**Additional Hazards When Processed:** Avoid contact with eyes.

**Hygiene Measures:** Wash hands after handling.

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

**Technical Measures:** Use only manufacturer's recommended dispensing equipment.

**Storage Conditions:** Ambient temperatures. Keep containers sealed.

**Incompatible Materials:** Oxidizing agents.

**Special Rules on Packaging:** Use only manufacturer's approved packaging.

**Specific End Use(s)**

TCI 806 H.D. AROMATIC ISOCYANATE SOLVENT/WATER COUPLER AND WATER RINSE is designed to dissolve and hold aromatic isocyanates in a stable suspension flushing out tanker vessels, hoses and cleaning fittings. The captured solution may be reused many times until saturated or refreshed with fresh stock. The cleaned parts with residual is then thoroughly and quickly flushed with cold running water and left to dry. The maximum time allowed should be within 10 minutes to prevent curdling of the milky rinse water and must be discarded to drain. See Product Application Sheet or Label QR for safe intended use.

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## Section 8: Exposure controls / personal protection

### Control Parameters

ACGIH TLV: 865mg/m<sup>3</sup> (TWA)

### Exposure Controls

Appropriate Engineering Controls: Not normally required.

Personal Protective Equipment: Not normally required.

Other Information:

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## Section 9: Physical and chemical properties

### Information on Basic Physical and Chemical Properties

Physical State: Viscous liquid.

Appearance: Clear amber.

Odour: Slight ether.

Odour Threshold: Not established.

pH: Not established.

Relative Evaporation Rate (butylacetate=1): 0.001

Melting Point: Not applicable

Freezing Point: - 75°C

Boiling Point: 230°C

Flash Point: 100°C

Auto-ignition Temperature: 194°C

Decomposition Temperature: Not applicable.

Flammability (solid/gas): Not applicable.

Lower Flammable Limit: 0.6%.

Upper Flammable Limit: 20%.

Vapour Pressure: 4 Pa @ 20 °C.

Relative Vapour Density at 20°C: Not applicable.

Relative Density: 0.90

Solubility in Water: Complete

Partition coefficient: n-octanol/water: Emulsion.

Viscosity: 4.9 centipoise @ 25 °C.

Explosion Data - Sensitivity to Mechanical Impact: No.

Explosion Data - Sensitivity to Static Discharge: No.

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## Section 10: Stability and reactivity

Reactivity: Stable under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Not applicable.

Conditions to Avoid: Not applicable.

Incompatible Materials: Strong Oxidizers.

Hazardous Decomposition Products: None under normal conditions.

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## Section 11: Toxicological information

### Information on Toxicological Effects - Product

Acute Toxicity: Very low toxicity.

LD<sub>50</sub> Data (Species-Route): RAT - oral: 3.7 g/kg RAT - dermal: > 2 g/kg

LC<sub>50</sub> Data (Species-Route): RAT - inhalation: > 2.4 g/m<sup>3</sup> over 4hrs No deaths.

Skin Corrosion/Irritation: Not likely to occur.

Serious Eye Damage/Irritation: Not likely to occur.

Respiratory or Skin Sensitization: Not likely to occur.

Germ Cell Mutagenicity: Showed no evidence.

Teratogenicity: Showed no evidence.

Carcinogenicity: Showed no evidence.

Specific Target Organ Toxicity (Repeated Exposure): Showed no evidence.

Reproductive Toxicity: Showed no evidence.

Specific Target Organ Toxicity (Single Exposure): Showed no evidence.

Aspiration Hazard: No available incidence data.

Symptoms/Injuries After Inhalation: No available incidence data.

Symptoms/Injuries After Skin Contact: No available incidence data.

Symptoms/Injuries After Eye Contact: No available incidence data.

Symptoms/Injuries After Ingestion: No available incidence data.

### Information on Toxicological Effects - Ingredients

Dipropylene glycol n-butyl ether has shown very low toxicity.

Half life is 12-24hrs in Humans with the excretion of metabolites occurring primarily through the urine.

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## Section 12: Ecological information

Toxicity: Material is practically non-toxic to aquatic organisms on a acute basis.

Mobility in Soil: Potential for mobility in the soil is very high (KOC between 0-50).

### Other Adverse Effects

Other Information: None of the ingredients are hazardous atmospheric pollutants.

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## 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: Waste stream to be determined for treatment method.

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## Section 14: Transport information

TDGA CANADA - DANGEROUS GOODS: NOT-REGULATED

49 CFR (USA) DANGEROUS GOODS: NOT-REGULATED

IMDG (VESSEL) DANGEROUS GOODS: NOT-REGULATED

IATA (CARGO AIR) DANGEROUS GOODS: NOT-REGULATED

IMDG (PASSENGER AIR) DANGEROUS GOODS: NOT-REGULATED

EMERGENCY ASSISTANCE: Not applicable

Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Identification Number: Not applicable

Packing Group: Not applicable

Label/Placard Codes: Not applicable

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## 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.

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## Section 16: Other information

Prepared by: Health and Safety committee

Contact: A. Struthmann (Hon. BSc.)

Telephone: 1-519-536-1617

Date prepared: 2023-03-01

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.