Safety Data Sheet

Section 1: Product identification and use

Product Identifier: **TCI 4610-10 H.D.**

Process Identifier: Glass and mirror cleaner with deionized water (ready to use blue liquid)

24 H 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
Acute Toxicity (Oral)—Category 5
Pictograms
None

Signal Word
Warning

Hazard Statements
H303—May be harmful if swallowed.
Precautionary Statements
P312—If swallowed call a doctor at local hospital emergency department if you feel unwell.

Section 3: Composition / information on ingredients

Hazardous Ingredients:	CHEMICAL NAME	CAS NUMBER	CONCENTRATION [%]

Section 4: First aid measures

Description of First Aid Measures
General: Get medical advice/attention if feeling unwell. Take SDS to attending medial staff.
Inhalation: None
Skin Contact: None
Eye Contact: Remove contact lenses. Rinse with cold water or saline solution.
Ingestion: Seek immediate medical attention. Do not induce vomiting. Immediately call a doctor at local hospital emergency department.

Most Important Symptoms and Effects Both Acute and Delayed
General: Get medical advice or attention if feeling unwell. Take SDS to attending medial staff.
Inhalation: Respiratory irritation.
Skin Contact: None.
Eye Contact: None.
Ingestion: Harmful if swallowed. Gastrointestinal irritation, vomiting and diarrhoea.

Section 5: Fire-fighting measures

Extinguishing Media
Suitable Extinguishing Media:
Unsuitable Extinguishing Media:
Special Hazards Arising From the Substance or Mixture
Fire Hazard: None
Explosion Hazard: None under normal conditions.
Reactivity: Stable under normal conditions.

Advice for Firefighters
Precautionary Measures Fire:
Fire fighting Instructions: Be concerned about surrounding risks.
Protection During Firefighting:
Hazardous Combustion Products: None

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: Mop up small spills and dispose to sanitary sewer or evaporate to air.
Large spills should be contained and reported immediately.
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: None
Environmental Precautions
Methods and Material for Containment and Cleaning Up
For Containment: Allow flow to drain.
Methods for Cleaning Up: Mop up small spills and dispose to sanitary sewer.
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Section 7: Handling and storage

Precautions for Safe Handling
Additional Hazards When Processed: None
See GHS WORKPLACE LABEL in your work area.
Hygiene Measures: Do not eat, drink or smoke while using this product.
Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures:
Storage Conditions: Only stored in original containers.

Incompatible Materials: This product has a safe approved dedicated application. Consult Manufacturer or Supplier for compatibility.
Special Rules on Packaging: Consult Manufacturer or Supplier.
Specific End Use(s) **TCI 4610-10 HD** is aready to use blue liquid Glass and Mirror Cleaner that isformulate1 with deionized water.

Scan Label QR for Product Application Sheet and SDS for safe intended use.

Section 8: Exposure controls / personal protection

Control Parameters
ACGIH TLV (STEL)
NIOSH TLV (STEL)
ACGIH TLV (TWA)
Exposure Controls
Appropriate Engineering Controls: None.

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: Clear Blue.
Odour: Slight detergent odor.
Odour Threshold: Not determined.
pH: Not applicable.
Relative Evaporation Rate (n-butyl acetate=1):
Melting Point: Not applicable.
Freezing Point: 0°C
Boiling Point: 100°C
Flash Point: Not available.
Auto-ignition Temperature:

Decomposition Temperature: Not determined.
Flammability (solid/gas): Non-flammable
Lower Flammable Limit:
Upper Flammable Limit:
Vapour Pressure: mmHg @ 25°C
Relative Vapour Density at 20°C:
Relative Density (water = 1): 1.0
Solubility in Water: Complete.
Partition coefficient: n-octanol/water: Not determined.
Viscosity: Not determined.
Explosion Data – Sensitivity to Mechanical Impact: No.
Explosion Data – Sensitivity to Static Discharge: No

Section 10: Stability and reactivity

Reactivity: None
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No decomposition under normal cleaning conditions.

Conditions to Avoid: None.
Incompatible Materials: Strong Oxidizing and Reducing Agents.
Hazardous Decomposition Products: None

Section 11: Toxicological information

Information on Toxicological Effects—Product
Acute Toxicity:
LD_{50} Data (Species-Route):
LC50 Data (Species-Route):
Skin Corrosion/Irritation: No available evidence
Serious Eye Damage/Irritation: No available evidence
Respiratory or Skin Sensitization: Not a skin sensitizer.
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: Respiratory tract irritation.
Symptoms/Injuries After Skin Contact: No available evidence.
Symptoms/Injuries After Eye Contact: No available evidence
Symptoms/Injuries After Ingestion: Gastrointestinal irritation.
Information on Toxicological Effects—Ingredients
None known.

Section 12: Ecological information

Toxicity: Demonstrates no bioaccumulation. None of the ingredients are hazardous atmospheric pollutants.
Mobility in Soil: Hi mobility in soil and expected to be readily biodegradable.

Other Adverse Effects
Other Information: VOC's (EPA method 24) 10g/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: Waste stream to be determined for treatment method.

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: 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. BSc.)
Telephone: 1-519-536-1617
Date prepared: 2025-10-01

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.