

# Safety Data Sheet

## Section 1: Product identification and use

**Product Identifier:**

# TCI 1209 H.D.

**Process Identifier:**

O-Ring Assembly Jelly for power transmission equipment at ambient temperature

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 CLASSIFIED AS DANGEROUS UNDER EC/GHS CRITERIA

**Pictograms**

None

**Signal Word**

None

**Hazard Statements**

None

**Precautionary Statements**

None

## Section 3: Composition / information on ingredients

**Hazardous Ingredients:**

**CHEMICAL NAME**  
PETROLEUM JELLY

**CAS NUMBER**  
8009-03-8

**CONCENTRATION [%]**  
100

## Section 4: First aid measures

**Description of First Aid Measures**

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

**Inhalation:** Excessive exposure - move the fresh air. Barrier to air exchange.

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

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

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

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

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

**Inhalation:** Respiratory irritation/possible dizziness. Barrier to air exchange.

**Skin Contact:** Mild warming skin sensation, no visible effects.

**Eye Contact:** Itching irritation, redness.

**Ingestion:** Gastrointestinal irritation.

## Section 5: Fire-fighting measures

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical.

**Unsuitable Extinguishing Media:** Solvent/oil will float on water and spread the fire.

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

**Fire Hazard:** Know the Fire Extinguisher location at your workstation.

**Explosion Hazard:** None under normal conditions. Volatile when heated.

**Reactivity:** Stable under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Keep away from High Energy Ignition Sources. Solvent/oil will float on water and spread of fire.

**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 particulate matter in smoke.

## 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 if indoor temperatures reach 30°C plus.

Keep away from sources if ignition. Use Non-Sparking equipment.

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 if indoor temperatures reach 30°C plus. Keep away from sources if ignition.

**Environmental Precautions**

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

**For Containment:** Stop mobility with suitable oil absorbant.

**Methods for Cleaning Up:** Use Non-Sparking equipment. 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 non-sparking metal pails. See GHS WORKPLACE LABEL in your work area.

**Hygiene Measures:** Do not eat, drink or smoke while using this product.

Personal Protection Equipment required in case of splashing when immersing or dripping when removing parts from tank.

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

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

**Storage Conditions:** Only stored in non-sparking containers away from sparks and excessive heat.

**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 1209 H.D. Inert O-Ring Jelly is primarily used to place and hold O-rings in place at ambient temperatures on power transmission equipment.

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

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**Section 8: Exposure controls / personal protection****Control Parameters**

ACGIH TLV (TWA) 5 mg/m<sup>3</sup> (TWA) (Total Hydrocarbon mist)  
ACGIH TLV (STEL) 10 mg/m<sup>3</sup> (TWA) (Total Hydrocarbon mist)  
OSHA PEL: 5 mg/m<sup>3</sup> (TWA) (Total Hydrocarbon mist)

**Personal Protective Equipment:**

None.

**Exposure Controls**

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

**Other Information:** Handle in accordance with good hygiene and safety practices and procedures. Solvent resistant gloves should be selected and worn.

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**Section 9: Physical and chemical properties****Information on Basic Physical and Chemical Properties**

**Physical State:** Thick Jelly.  
**Appearance:** Clear white.  
**Odour:** Slight clean oil smell.  
**Odour Threshold:** Not available.  
**pH:** Neutral.  
**Relative Evaporation Rate (butyl acetate=1):** 0.09  
**Melting Point:** Not applicable.  
**Freezing Point:** 49°C  
**Boiling Point:** 195°C  
**Flash Point:** 204°C.  
**Auto-ignition Temperature:** 225°C

**Decomposition Temperature:** Not determined.  
**Flammability (solid/gas):** Not determined.  
**Lower Flammable Limit:** 0.7% by volume  
**Upper Flammable Limit:** 5.3% by volume  
**Vapour Pressure:** 0.39 mmHg @ 20°C  
**Relative Vapour Density at 20°C:** 0.75 @ 760 mmHg  
**Relative Density (water = 1):** 0.83  
**Solubility in Water:** Negligible.  
**Partition coefficient: n-octanol/water:** Not determined.  
**Viscosity:** 140 centipoise  
**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.  
**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 and particulate matter in smoke.

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**Section 11: Toxicological information****Information on Toxicological Effects—Product**

**Acute Toxicity:** > 5,000mg/kg  
**LD<sub>50</sub> Data (Species-Route):** RAT - oral: >5 g/kg RABBIT - dermal: >2 g/kg  
**LC<sub>50</sub> Data (Species-Route):** RAT - inhalation: > 9.5 g/m<sup>3</sup> over 4hrs  
**Skin Corrosion/Irritation:** Mild warming sensation.  
**Serious Eye Damage/Irritation:** May cause mild, short-lasting discomfort.  
**Respiratory or Skin Sensitization:** Not a 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:** Not determined..  
**Symptoms/Injuries After Inhalation:** No available evidence.  
**Symptoms/Injuries After Skin Contact:** None  
**Symptoms/Injuries After Eye Contact:** Itching/Redness  
**Symptoms/Injuries After Ingestion:** Gastrointestinal irritation and diarrhea.  
**Information on Toxicological Effects—Ingredients**  
No available evidence.

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**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 Not determined.

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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. B.Sc.  
**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.