

List	Material Safety Data Sheet (Documentation Requirements)
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Section 1 – Product and Company Information

Product Name Catalog Number Product Type	Total Protein CD-TOP-480 Clinical Chemistry Reagent	Emergency Telephone No. CHEMTREC (800) 424-9300 International CHEMTREC (703) 527-3887
Company Name Street Address City, State, Zip Code, Country	Concept Diagnostics 2527 S. Greenwood Pl., Ontario, CA 91761 USA	Company Telephone No. (909) 947-3462 Fax No. (909) 947-3162

Section 2 – Composition/Information on Ingredients

	Chemical Names	Concentration	CAS#
Total Protein Reagent:	Sodium Hydroxide, Copper Sulfate, Sodium Potassium Tartrate, Potassium Iodide	600mM, 12mM, 32mM, 30mM	1310-732, 1332-14-5, 921-53-9, 7681-11-0
Total Protein Standard:	Bovine Albumin	5.0 g/dl	9048-46-8
Other components either non-hazardous or at concentrations below that requiring hazardous listing.			

Section 3 – Hazards Identification

<p>Emergency Overview: Total Protein Reagent: Symbol: C (Corrosive) Harmful by inhalation, in contact with skin and if swallowed. Causes burns. Irritating to eyes, respiratory system and skin. Routes of Entry: Inhalation, ingestion, eye contact and skin contact. In case of inhalation, ingestion, eye contact, or skin contact, refer to section 4. Effects of chronic exposure: No information available. Carcinogenicity: Not a known carcinogen</p>
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Section 4 – First Aid Measures

Skin:	In case of skin contact, immediately flush area with plenty of water for at least 15 minutes. Call a physician if necessary.
Eyes:	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician if necessary.
Ingestion:	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation:	If inhaled, remove to fresh air. If not breathing give artificial respiration, but NOT by mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.

Section 5- Fire and Explosive Hazard Data

Flash Point N/A	Explosion Limits N/A	Flammable Limits N/A
Extinguishing Media Use media appropriate for site conditions.		
Firefighting Measures Special Fire fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual Fire & Explosion Hazards: May emit toxic fumes under fire conditions.		

Section 6 – Accidental Release Measures

Procedure to be Followed in Case of Leak or Spill Ventilate the area. Absorb on inert material. Place material and contaminated disposables into a suitable container, seal, label and hold for disposal. Wash spill site after material pickup is complete.	Procedures of Personal Precaution Exercise appropriate precautions to avoid direct contact with skin or eyes. Refer to section 8.
Methods for Disposal Refer to section 13.	

Section 7 – Handling and Storage

<p>Handling Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Avoid inhalation or ingestion. Do not pipette by mouth. Wash thoroughly after handling. Wash contaminated clothing before reuse. Refer to Section 8</p> <p>Storage Store according to package directions.</p>
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Section 8 – Exposure Controls / PPE		
Engineering Controls Safety shower and eyewash. Ventilation: General room ventilation is satisfactory.	Personal Protective Equipment Respiratory Protection: None required where adequately ventilated. Protective Clothing: lab coat Protective Gloves: latex or rubber gloves Eye Protection: safety glasses or goggles Other Protective Equipment: Use a safety pipette device.	
Section 9 - Physical Data		
Boiling Point N/A	Solubility in Water N/A	Specific Gravity (g/cm³) N/A
Odor No Significant Odor	pH Total Protein Reagent: Basic Total Protein Standard: Not relevant to safety	Appearance Reagent: Blue liquid Standard: Clear to pale yellow liquid
Section 10 – Stability and Reactivity		
Stability Stable under normal handling and storage conditions.	Materials to Avoid Total Protein Reagent: Acids, organic materials, chlorinated solvents, aluminum, phosphorus, tin/tin oxides, zinc	
Hazardous Decomposition Products Total Protein Reagent: sodium, sodium oxides.	Hazardous Polymerization Will not occur.	
Section 11 – Toxicological information		
No information available.		
Section 12 – Ecological Information		
No information available.		
Section 13 – Disposal Considerations		
Dispose of in accordance with current national and regional regulations.		
Section 14 – Transport Information		
Product is stable under normal conditions. Non-hazardous for transport.		
Section 15 – Regulatory Information		
OSHA Status: Regulated under Subpart Z Classification: The preparation is classified and labeled according to EEC Directive n.88/379. Symbol: C (Corrosive) Risk Statements: Harmful by inhalation, in contact with skin and if swallowed. Causes burns. Irritating to eyes, respiratory system and skin. Safety Statements: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. If swallowed, seek medical advice immediately and show this container or label.		
Section 16 – Other Information		
This Product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10. The information contained herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranties, express or implied, and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.		
N/A - Not Applicable or Not Available		