

<b>List</b>	<b>Material Safety Data Sheet (Documentation Requirements)</b>
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**Section 1 – Product and Company Information**

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

**Section 2 – Composition/Information on Ingredients**

Chemical Names	Concentration	CAS #
Hydrochloric Acid	165mM	7647-01-0
DMSO (dimethyl sulfoxide)	7M	67-68-5
Sodium nitrite (Toxic) (Irritant)	60mM	7632-00-0

**Section 3 – Hazards Identification**

<p><b>Emergency Overview:</b>  <b>Routes of Entry/Exposure:</b> Inhalation, ingestion, eye contact, skin contact, skin absorption.</p> <p><b>Effects of acute exposure:</b>  <b>Skin Contact:</b> May cause irritation.  <b>Eye Contact:</b> May cause irritation.  <b>Ingestion:</b> May be harmful if ingested.  <b>Inhalation:</b> May cause irritation to mucous membranes and upper respiratory tract.</p> <p><b>Effects of chronic exposure:</b> No data available.</p>
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**Section 4 – First Aid Measures**

Skin:	In case of contact, immediately flush area with plenty of water. Remove and wash contaminated clothing before reuse.
Eyes:	Flush eyes with plenty of water for at least 15 minutes and get medical attention.
Ingestion:	Wash out mouth with large amounts of water. Contact a physician.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a physician.

**Section 5-- Fire and Explosive Hazard Data**

<p>Flammable: No  Flash Point: Not applicable  Flammable Limits: Not applicable  Extinguishing Media: Use media appropriate for site conditions and surrounding materials.  Special Fire fighting Procedures: Wear self-contained breathing apparatus and protective garments to protect contact with skin and eyes.  Unusual Fire &amp; Explosion Hazards: May emit toxic fumes under fire conditions.</p>
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**Section 6 – Accidental Release Measures**

<p>Spill Response: Ventilate the area. Absorb on inert material. Place material and contaminated disposables into a suitable container, seal, label and hold for disposal.  Waste Disposal Method: Dispose of in accordance with federal, state, and local regulations.</p>
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**Section 7 – Handling and Storage**

<p>Handling: Normal precautions for handling chemicals must be observed. Do not pipette by mouth.  Storage: Store at 2 – 8 °C and according to package directions.</p>
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**Section 8 – Exposure Controls / PPE**

<p>Respiratory Protection: None required where adequate ventilation is satisfactory.  Ventilation: General room ventilation is satisfactory.  Protective Clothing: Lab coat recommended.  Protective Gloves: Rubber/latex gloves recommended  Eye Protection: Safety glasses or goggles  Other Protective Equipment: Safety shower and eye wash should be available. Use a safety pipette device.</p>
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<p><b>Total Bilirubin Reagent</b></p> <p><b>Section 9 - Physical Data</b></p> <p>Boiling Point: N/A                  Specific Gravity (g/cm<sup>3</sup>): N/A                  Appearance: Reagents are colorless liquids.                  Odor: Solvent Odor (DMSO)                  pH: Acidic                  Solubility in Water: N/A</p> <p><b>Section 10 – Stability and Reactivity</b></p> <p>Stability: Stable, under normal handling and storage conditions.                  Incompatibility (Materials to Avoid): N/A                  Hazardous Polymerization: Will not occur                  Hazardous Decomposition Products: N/A</p> <p><b>Section 11- Toxicological Information:</b></p> <p>Refer to section 3.</p> <p><b>Section 12 – Ecological Information</b></p> <p>Water Hazard Class: No information available.</p> <p><b>Section 13 – Disposal Considerations</b></p> <p>Dispose of in accordance with current national and regional regulations.</p> <p><b>Section 14 – Transport Information</b></p> <p>Shipping information: Not regulated</p> <p><b>Section 15 – Regulatory Information</b></p> <p>OSHA Status: Regulated under Subpart Z                  Classification: The preparation is classified and labeled according to EEC Directive n.88/379.                  Symbol: Xn (Harmful)                  Risk Statements: Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes 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.</p> <p><b>Section 16 – Other Information</b></p> <p>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.</p> <p>N/A - Not Applicable or Not Available</p>
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<b>List No:</b>	<b>L42-M14</b>	<b>Revision :</b>	<b>C</b>	<b>Prepared by:</b>	<b>RLD</b>	<b>Approved by:</b>	<b>JCFA</b>	<b>Issue date:</b>	<b>08/30/07</b>
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