

List	Material Safety Data Sheet (Documentation Requirements)
-------------	--

Section 1 – Product and Company Information

Product Name	Direct Bilirubin Reagent	Emergency Telephone No.
Catalog Number	CD-BID-480	CHEMTREC (800) 424-9300
Product Type	Clinical Chemistry Reagent	International CHEMTREC (703) 527-3887
Company Name	Concept Diagnostics	Company Telephone No.
Street Address	2527 S. Greenwood Pl.,	(909) 947-3462
City, State, Zip Code, Country	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
Sodium nitrite (Toxic) (Irritant)	60mM	7632-00-0

Section 3 – Hazards Identification

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

Section 4 – First Aid Measures

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

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 & Explosion Hazards: May emit toxic fumes under fire conditions.</p>

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.</p> <p>Waste Disposal Method: Dispose of in accordance with federal, state, and local regulations.</p>

Section 7 – Handling and Storage

<p>Handling: Normal precautions for handling chemicals must be observed. Do not pipette by mouth.</p> <p>Storage: Store according to package directions.</p>
--

Section 8 – Exposure Controls / PPE

<p>Respiratory Protection: None required where adequate ventilation is satisfactory.</p> <p>Ventilation: General room ventilation is satisfactory.</p> <p>Protective Clothing: Lab coat recommended.</p> <p>Protective Gloves: Rubber/latex gloves recommended</p> <p>Eye Protection: Safety glasses or goggles</p> <p>Other Protective Equipment: Safety shower and eye wash should be available. Use a safety pipette device.</p>

List No:	L42-M13	Revision :	C	Prepared by:	RLD	Approved by:	JCFA	Issue date:	08/30/07
-----------------	---------	-------------------	---	---------------------	-----	---------------------	------	--------------------	----------

List	Material Safety Data Sheet (Documentation Requirements)
-------------	--

Section 9 - Physical Data

Boiling Point: N/A
 Specific Gravity (g/cm³): N/A
 Appearance: Reagents are colorless liquids.
 Odor: No significant odor
 pH: Acidic
 Solubility in Water: N/A

Section 10 – Stability and Reactivity

Stability: Stable, under normal handling and storage conditions.
 Incompatibility (Materials to Avoid): N/A
 Hazardous Polymerization: Will not occur
 Hazardous Decomposition Products: N/A

Section 11- Toxicological Information:

Refer to section 3.

Section 12 – Ecological Information

Water Hazard Class: No information available.

Section 13 – Disposal Considerations

Dispose of in accordance with current national and regional regulations.

Section 14 – Transport Information

Shipping information: Not regulated

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: N/A
 Risk Statements: N/A
 Safety Statements: N/A

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

List No:	L42-M13	Revision :	C	Prepared by:	RLD	Approved by:	JCFA	Issue date:	08/30/07
-----------------	----------------	-------------------	----------	---------------------	------------	---------------------	-------------	--------------------	-----------------