

MATERIAL SAFETY DATA SHEET

BILIRUBIN, TOTAL REAGENT

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DATE OF PREPARATION

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I PRODUCT IDENTIFICATION

CHEMICAL / PRODUCT NAME: **SDI TOTAL BILIRUBIN LIQUID REAGENT**
PRODUCT CATALOG NO: 43708

II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| | | |
|-------------------------|-----------|-----|
| Hydrochloric Acid (HCL) | 7647-01-0 | <1% |
| Sulphanilic Acid | 121-57-3 | <1% |
| Sodium Nitrite | 7632-00-0 | <1% |

In compliance with OSHA's HAZARD COMMUNICATIONS STANTARD (29CFR 1910.1200) a chemical mixture is considered hazardous if it contains 1% (one percent) or more of a hazardous compound.

III PHYSICAL / CHEMICAL CHARACTERISTICS

| | |
|----------------------|---------------|
| Appearance and odor: | Clear Liquid |
| Boiling Point: | Not Available |
| Vapor Pressure: | Not Available |
| Vapor Density: | Not Available |
| Melting Point: | Not Available |
| Evaporation Rate: | Not Available |
| Specific Gravity: | Not Available |
| Solubility in Water: | Complete |

IV FIRE AND EXPLOSION HAZARD DATA

| | |
|-----------------------------------|--|
| Fire: | Not considered to be a fire hazard. |
| Explosion: | Not considered to be an explosion hazard. |
| Extinguishing Media: | Use water spray, carbon dioxide, dry chemical powder, or appropriate foam to cool fire exposed containers. |
| Special Fire Fighting Procedures: | Not Available |

V REACTIVITY DATA

| | |
|----------------------|---------------|
| Stability: | Stable |
| Conditions to Avoid: | Not Available |

Incompatibility: Not Available
Hazardous Decomposition of Byproducts: Toxic gases and vapors may be released if involved in a fire.
Hazardous Polymerizations: Will Not Occur
Conditions to Avoid: Not Available

VI HEALTH HAZARD DATA

Primary Route(s) of Entry: Inhalation, ingestion, skin absorption.
Short-Term/Long Term
Effect of Exposure: Direct contact with eyes and skin may cause irritation. Ingestion of large amounts may cause nausea, vomiting and diarrhea.
Contact with solution may cause an allergic skin reaction in rare instances.

The toxicological properties of this material have not been investigated. Exercise appropriate care to avoid direct contact with skin and eyes.

VII EXPOSURE EFFECTS

Not Available

VIII SYMPTOMS

Not Available

IX FIRST AID

Ingestion: Seek medical advice if ingestion is suspected.
Skin: Immediately flush with copious amounts of water.
Eye: Immediately flush with copious amounts of water.

X VENTILATION AND PERSONAL PROTECTION

Ventilation: Not Required
Respiratory Protection: Not Required
Skin: Gloves and Laboratory Coat Required
Eyes: Protection Required

In general, good laboratory procedures should be followed.

XI SPECIAL STORAGE AND DISPOSABLE PROCEDURES

Not Applicable

XII SPILL, LEAK AND DISPOSAL PROCEDURES

Spillage: Flush affected area with water.
Disposal: Flush to sewer with excess water. Disposal may be subject to Federal, State or Local Laws.

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