

# MATERIAL SAFETY DATA SHEET

## BILIRUBIN, DIRECT REAGENT

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### DATE OF PREPARATION

FEBRUARY, 2007

### I PRODUCT IDENTIFICATION

CHEMICAL / PRODUCT NAME: **SDI DIRECT BILIRUBIN LIQUID REAGENT**  
PRODUCT CATALOG NO: 32407

### II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>INGREDIENT</u>	<u>CAS No.</u>	<u>%</u>
Hydrochloric Acid (HCL)	7647-01-0	<1%
Sodium Hydroxide	1310-73-2	<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 Liquids
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:	Soluble

### 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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