



MSDS

MATERIAL SAFETY DATA SHEET

FOR IN VITRO DIAGNOSTIC USE ONLY

PRODUCT IDENTIFICATION

Trade Name: Synermed Total Bilirubin Reagent
Catalog Number: IR451

HAZARDOUS INGREDIENTS

The information presented for each chemical entity in this MSDS represents data available for that individual chemical, and not for the reagent mixture.

<u>Chemical Name</u>	<u>%</u>	<u>CAS No.</u>	<u>Hazard</u>
Caffeine	3.8%	58-08-2	Irritant, Toxic

PHYSICAL AND CHEMICAL CHARACTERISTICS

Melting Point: 234-236.5EC
Appearance and Odor: White crystals
Solubility in Water: Soluble

PHYSICAL HAZARD

Fire and Explosion: Non-flammable
Incompatibility: Strong oxidizing agents
Haz. Decom. Prod: Carbon monoxide and carbon dioxide and nitrogen oxide

FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: Carbon dioxide, dry chemical powder, water spray.

HEALTH HAZARDS

Route of entry: Skin, inhalation and ingestion
Signs of exposure: Skin, eyes and inhalation - causes irritation.
Acute Exposure Effects: Material is irritating to mucous membranes and upper respiratory tract.
Chronic Effects: Overexposure may cause reproductive disorders based on tests with laboratory animals.
Toxicity: LD50 oral (rat) 192 mg/kg
Threshold Limit: None

Carcinogenicity: IARC Monograph? No
NTP? No
OSHA regulated? No

EMERGENCY FIRST AID

1. Inhalation - Move to fresh air. If not breathing, give artificial respiration. Call a physician.
2. Eyes and Skin - Flush with copious amounts of water for at least 15 minutes while removing contaminated clothing. Call a physician.
3. Ingestion - Rinse mouth thoroughly with water. Immediately call a physician.

PRECAUTIONS FOR SAFE HANDLING

Spill response: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste disposal: Dissolve or mix the material with an afterburner and scrubber. Observe all federal, state and local laws.

CONTROL MEASURES

Respiratory Protection: NIOSH/MSHA approved respirator.
Ventilation: Mechanical exhaust required.
Eye Protection: Safety goggles or face shield, safety shower and eye bath.
Skin Protection: Compatible chemical-resistant gloves.

MANUFACTURER'S NAME AND ADDRESS

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DATE OF PREPARATION OR LAST REVISION

February 26, 2007

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