For cat # 1951 see also: MSDS 00782 – Microsporidia Stain

Reviewed October 2011

Section 1. Identity

Product Name: **Microsporidia Decolorizer/Counterstain**

Cat#	Description		SDL Prod ID
1951	StainQuick Stain System - Microsporidia	rack + heater, 250ml stain & decolorizer/counterstain, two place	00620
7842M	Microsporidia Decolorizer/Counterstain	250ml bottle/pkg	00785

Manufacturer/Supplier: Scientific Device Laboratory, 411 Jarvis Avenue, Des Plaines, IL 60018
Phone 847-803-9495

Emergency Information: In case of a chemical emergency, spill, fire, exposure or accident contact Scientific Device Laboratory (847) 803-9495 or CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2. Hazardous Ingredients/Identity Information

Components: This aqueous solution is made of Methylene blue CAS# 7220-79-3, alcohol CAS# 64-17-5, & glacial acetic acid CAS# 64-19-7.

Section 3. Physical/Chemical Characteristics

Boiling Point: not known
Specific Gravity: 1.007
Vapor Pressure (mmHg): 25mm HG
Vapor Density (AIR=1): 1.6
Melting Point: N/A
Solubility in H_2O: soluble
Appearance: blue liquid
Odor: none
Evaporation Rate: 2.0 (N-Bu Acetate=1)
Density: 0.75g/ml

Section 4. Fire and Explosion Hazard Data

Flash point: 13°C
Flammable Limits: unknown
UEL/LEL: not known
Extinguishing medium: water spray
Special Fire Fighting Procedures: Carbon dioxide or dry chemical extinguisher
Unusual Fire and Explosion Hazards: vapor can flow to distant points

Section 5. Reactivity Data

Stability: Stable at room temperature
Condition to avoid: swallowing
Reagent incompatibility: compatible with aqueous or organic solvents
Hazardous decomposition or By-products: none
Hazardous polymerization: CO2. This material may be sensitive to peroxide formation.
Conditions to avoid: heat, flames, sources. This material may be sensitive to peroxide formation, incompatible materials, and ignition sources.

Section 6. Health Hazard Data

Routes of entry: Inhalation: yes, If inhaled remove to fresh air or administer oxygen Skin: avoid prolonged contact, wash with soap and water.

Ingestion: avoid ingestion, induce vomiting if ingested

Health Hazards: none

Carcinogenicity: not known

Signs and symptoms of exposure: fatigue, nausea, vomiting and nasal irritation

Medical conditions aggravated by exposure: none known

Emergency First Aid Procedures: Flush eyes or skin with water for 15 minutes. Get medical attention

Section 7. Precautions for Safe Handling and Use

Steps to be taken if material is spilled: recover free liquid. Dilute with water.

Waste Disposal Method: Comply with federal state and local regulations

Precautions to be taken in Handling and Storage: Store at room temperature away from flames and sparks. Provide explosion proof exposure.

Other Precautions: follow state, local and federal regulations

Section 8. Control Measures

Respiratory Protection: none if used in small quantities. If used in large quantities wear mask.

Ventilation: yes

Protective Gloves: chemical resistant gloves

Protective Clothing: lab coats

Work/Hygiene Practices: keep away from corrosive and strong oxidizing chemicals and electrical sources.

Eye Protection: Chemical safety goggles or full face shield

Section 9. Transportation

UN 1987, Alcohol N.O.S. (Aqueous Ethanol Solutions), 3, PG II

Scientific Device Laboratory (SDL) will not be responsible for damages of any kind resulting from the use or reliance upon such information. No representations, or warranties either express or implied of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers. All statements made hereinto are provided in good faith and is believed to be correct as of the date hereof. However SDL makes no representation to the comprehensiveness of such information. It is expected that individuals receiving the information will exercise their independent judgment in determining it appropriate use.

Revision History

CR NUMBER	REVISION
0908-001	00
0910-001 0511-001	01 02
0911-007	03