See also:

MSDS-00785 Modified Trichrome Decolorizer/Counterstain for Microsporidia MSDS for cat #7843 and #1951

Reviewed October 2011

Section 1. Identity

Product Name: Modifed Trichrome Stain for Microsporidia

Cat#	Description		SDL Prod ID
7841	Microsporidium Stain	250ml bottle of stain	782
7843	Modified Trichrome Stain Kit for Microsporidia	250ml bottle stain & 250ml bottle decolorizer	786
7840	Microsporidia Kit-Modified Trichrome - 250ml	250ml bottle of stain and 250ml bottle decolorizer	781
1951	StainQuick Stain System - Microsporidia	rack + heater, 250ml stain & decolorizer/counterstain of Modified Trichrome for Microsporidia, two place	620

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: Chromotrope 2R CAS# 4197-07-03, Fast Green FCF CAS #2353-45-9, Phosphotungstic Acid CAS#12501-23-4, Light Green (CAS#5141-20-8, glacial acetic acid CAS#64-19-7 & deionized water CAS# 7732-18-5.

Section 3. Physical/Chemical Characteristics

Boiling Point: 100ºC
Vapor Pressure (mmHg): not available
Vapor Density (AIR=1): not available
pH: 2.0 +/- 0.5
Melting Point: N/A
Evaporation Rate: slow
Solubility in H_2O: soluble
Appearance: dark-blue green liquid
Odor: acetic acid smell

Section 4. Fire and Explosion Hazard Data

Flash Point: not known
Flammable Limits: none
UEL/LEL: N/A
Extinguishing medium: water
Special Fire Fighting Procedures: standard procedure for water based chemicals
Unusual Fire and Explosion Hazards: none

Section 5. Reactivity Data

Stability: stable

Reagent incompatibility: Acetic Acid is incompatible with acetaldehyde, acetic anhydride, 5-azidotetrazole, oxidants, phosphorus trichloride, and potassium tert-butoxide. Fast Green FCF is incompatible with oxidizing reagents

Hazardous decomposition or By-products: none known

Hazardous polymerization: does not occur

Conditions to avoid: freezing or mixing with organic solvents

Section 6. Health Hazard Data

Routes of entry: Inhalation: none Skin: none Ingestion: not known

Health Hazards: none

Carcinogenicity: none

Medical conditions aggravated by exposure: none

Emergency First Aid Procedures: none.

Health = 1 Flammability = 0 Reactivity = 0

Section 7. Precautions for Safe Handling and Use

Steps to be taken if material is spilled: clean with damp cloth

Waste Disposal Method: no special treatment

Precautions to be taken in Handling and Storage: store at room temperature

Other Precautions: none

Section 8. Control Measures

Respiratory Protection: well ventilated area

Ventilation: well ventilated room

Protective Gloves: wear chemical resistant gloves

Protective Clothing: lab coat

Work/Hygiene Practices: good general microbiology techniques

Eye Protection: chemical safety goggles

Section 9. Transportation

Not Regulated

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
0410-004	00
0910-001 0511-001	01 02
0911-007	03