

Reviewed October 2011

Section 1. Identity

 Product Name: **Trichrome Stain**

Cat#	Description	SDL Prod ID
782	Trichrome Stain 250ml bottle each/pkg	00544
783	Trichrome Stain 250ml bottle x 6/pkg	00545

 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: 100°C
 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 H₂O: 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

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Revision History

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