See also: MSDS 00161 – Cat # 353-A AFB Stain/Kinyoun Stain
MSDS 00162 – Cat #353-B AFB Stain/Kinyoun Decolorizer

Reviewed October 2011

Section 1. Identity

Product Name: **AFB Kinyoun Counterstain (Brilliant Green Stain)**

Cat #	Description	SDL Prod ID
353-C	AFB Stain/Kinyoun Stain Counterstain 3 bottles/pkg	00163
353	AFB Stain/Kinyoun Stain Set 250ml bottle each/pkg	00160

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: $C_7H_{34}N_2O_4S$, **Formula Weight:** 482.63, Brilliant Green CAS# 633-03-4, & deionized water CAS# 7732-18-5

Section 3. Physical/Chemical Characteristics

Boiling Point: 100ºC
Specific Gravity: N/A
Melting Point: 210°C (410°F) Decomposes.
Vapor Pressure (mmHg): N/A
Vapor Density (AIR=1): 16.6
Melting Point: N/A
Solubility in H_2O: moderately soluble
Appearance: yellow-green
Odor: none

Section 4. Fire and Explosion Hazard Data

Flash Point: not flammable
Flammable Limits: not flammable
UEL/LEL: N/A
Extinguishing medium: water spray or carbon dioxide
Special Fire Fighting Procedures: wear self contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards: prevent contact with eyes and skin

Section 5. Reactivity Data

Stability: stable
Reagent incompatibility: none
Hazardous decomposition or By-products: none known
Hazardous polymerization: unknown
Conditions to avoid: keep away from skin and eyes

Section 6. Health Hazard Data

Routes of entry: Inhalation: **Yes** Skin: **Yes** Ingestion: Yes
Health Hazards: strong oxidizing agent
Carcinogenicity: not known
Medical conditions aggravated by exposure: not known
Emergency First Aid Procedures: Flush with water for 15 minutes, wash with soap. If inhaled move to a well-ventilated area, and give artificial respiration if necessary.

Health = 1 Flammability = 0, Reactivity = 0

Section 7. Precautions for Safe Handling and Use

Steps to be taken if material is spilled: dilute with copious amount of water.
Waste Disposal Method: wash with water. - dispose of in non hazardous manner.
Other Precautions: none

Section 8. Control Measures

Respiratory Protection: mask
Ventilation: yes
Protective Gloves: wear chemical resistant gloves
Protective Clothing: lab coat
Work/Hygiene Practices: work in ventilated area
Eye Protection: chemical safety goggles or full face shield

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Revision History

CR NUMBER	REVISION
0908-001	00
0910-001 0811-002 0911-007	01 02 03