See also: MSDS 00162 – AFB/Kinyoun Decolorizer
MSDS 00163 – AFB/Kinyoun Counterstain (Brilliant Green)

Reviewed October 2011

Section 1. Identity

Product Name: **AFB/Kinyoun Stain** .

Cat#	Description		SDL Prod ID
353	AFB/Kinyoun Stain Set	250ml bottle each/pkg	00160
353-A	AFB Kinyoun Stain	250ml bottle x 3 of each/pkg	00161

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: Carbol Fuchsin CAS# 4197-24-4, Phenol CAS# 108-95-2, deionized water CAS# 7732-18-5 & 95% ethanol CAS# 64-17-5.

Section 3. Physical/Chemical Characteristics

Boiling Point: 78.5ºC
Vapor Pressure (mmHg): 43 mm/Hg
Vapor Density (AIR=1): 1.59
Specific Gravity: 0.95 (water=1)
Solubility in H_2O: soluble
Appearance: dark red thick liquid
Odor: none

Section 4. Fire and Explosion Hazard Data

Flash Point: unknown
Flammable Limits: unknown
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: strong oxidants
Hazardous decomposition or By-products: strong acids and bases
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 = 3 Flammability = 2 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: mix material with combustible solvent and burn in chemical incinerator equipped with after burner and scrubber
Precautions to be taken in Handling and Storage: keep in dry place and handle with gloves and mask
Other Precautions: store away from other strong oxidants

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

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 0811-002 0911-007	01 02 03