For cat # 345 see also: MSDS 00156b – Modified Auramine O Decolorizer

Reviewed October 2011

Section 1. Identity

Product Name: **Modified Auramine O Stain**

156	345	-250	**Modified Auramine O (stain & decolorizer/quencher)**	250ml bottle each/pkg
157	345	-01G	**Modified Auramine O (stain & decolorizer/quencher) - SPECIAL ORDER ONLY, suggest 345-04L as alternative**	1 gallon each/pkg
1057	345	-S	**Modified Auramine O (stain only)**	1 gallon/pkg
158	345	.-01L	**Modified Auramine O (stain & decolorizer/quencher)**	1 liter each/pkg
	345	.-04L	**Modified Auramine O (stain & decolorizer/quencher)**	4x1 liter each/pkg

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: Auramine O soluble stain CAS # 2465-27-2, in 95% ethanol CAS # 64-17-5, deionized water CAS # 7732-18-5, and other proprietary components.

Section 3. Physical/Chemical Characteristics

Boiling Point: 90ºC
Vapor Pressure (mmHg): N/A
Vapor Density (AIR=1): 0.975
Flash point: 120ºF
Freezing point: 25ºF.
Melting Point: N/A
Solubility in H_2O: soluble
Appearance: orange to yellowish color liquid
Odor: none

Section 4. Fire and Explosion Hazard Data

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
Condition to avoid: none known
Reagent incompatibility: strong bases and acids
Hazardous decomposition or By-products: sulfur and nitrogen oxides
Hazardous polymerization: does not occur
Conditions to avoid: keep away from skin and eyes

Section 6. Health Hazard Data

Routes of entry: Inhalation: yes Skin: 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: perform artificial respiration if necessary.

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 down drain with water
Precautions to be taken in Handling and Storage: keep in dry place
Handle with gloves and mask
Other Precautions: store away from other strong oxidants.

Section 8. Control Measures

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

Section 9. Transportation

UN1170, Ethanol Solutions, 3, PG III

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Revision History

CR NUMBER	REVISION
0908-01	00
0509-03	01
0210-02	03
0410-004 0910-001 0511-001 0911-007	04 05 06 07