For cat # 345 see also: MSDS 00156a – Modified Auramine O Stain

Reviewed October 2011

Section 1. Identity

Product Name: **Modified Auramine O Decolorizer/Quencher**

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: Water soluble stain in 100% ethanol CAS# 64-17-5, deionized water CAS# 7732-18-5, hydrochloric acid CAS# 7647-01-0 & other proprietary components.

Section 3. Physical/Chemical Characteristics

Boiling Point: 84°C
Vapor Pressure (mmHg): N/A
Vapor Density (AIR=1): 0.95382
Flash point: 83.0°F
Melting Point: N/A
Solubility in H_2O: Soluble
Appearance: dark bluish liquid
Odor: none
Freezing point: 5ºC

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: none known
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: wear mask
Ventilation: yes
Protective: wear: chemical resistant gloves
Protective Clothing: lab coat
Work/Hygiene Practices: work in ventilated area
Eye Protection: chemical safety goggles or full face shield

Section 9. Transportation

UN 1170, Ethanol Solutions, 3, PG II

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
0908-01	00
0509-03	01
0709-01	02
0210-02	03
0410-004 0910-001 0511-001 0911-007	04 05 06 07