	Title: AcriFluor Stain Material Data Safety Sheet		
	Document No.: MSDS-00207a	Revision:	00

For cat # 384 see also: MSDS 00207b – AcriFluor Decolorizer

Section 1. Identity

Product Name: **AcriFluor Stain**

Cat#	Description	SDL Prod ID
384	AcriFluor Stain Kit-Stain & Decolorizer	00207

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 at (847) 803-9495 or CHEMTREC at 908-281-0522

Section 2. Hazardous Ingredients/Identity Information

Components: Commercial name: Basic Orange 14 in water

Section 3. Physical/Chemical Characteristics

Boiling Point: 98°F
 Specific Gravity: N/A
 Vapor Pressure (mmHg): N/A
 Vapor Density (AIR=1): N/A
 Melting Point: N/A
 Solubility in H₂O: soluble
 Appearance: yellow/orange liquid solution
 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: combustible stable
 Condition to avoid: strong oxidation
 Reagent incompatibility: strong bases and acids
 Hazardous decomposition not available
 Hazardous polymerizations: not known
 Conditions to avoid: keep away from skin and eyes

Section 6. Health Hazard Data

Routes of entry: Inhalation: yes Skin yes
 Health Hazards: none known
 Carcinogenicity: not known
 Medical conditions aggravated by exposure: not known



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Emergency First Aid Procedures: Flush with water for 15 minutes, wash with soap.
If inhaled, perform artificial respiration if necessary. Induce vomiting if ingested.

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
Protective Clothing: lab coat
Work/Hygiene Practices: work in ventilated area

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Revision History

CR NUMBER	REVISION
0908-001	00

approved September 2008

	Title: AcriFluor Decolorizer Material Data Safety Sheet		
	Document No.: MSDS-00207b	Revision:	00

For cat # 384 see also: MSDS 00207a – AcriFluor Stain

Section 1. Identity

Product Name: **AcriFluor Decolorizer**

Cat#	Description	SDL Prod ID
384	AcriFluor Stain Kit-Stain & Decolorizer	00207

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 at (847) 803-9495 or CHEMTREC at 908-281-0522

Section 2. Hazardous Ingredients/Identity Information

Components: Evans blue with hydrochloric acid and ethanol

Section 3. Physical/Chemical Characteristics

Boiling Point: 98°F

Specific Gravity: N/A

Vapor Pressure (mmHg): N/A

Vapor Density (AIR=1): N/A

Melting Point: N/A

Solubility in H₂O: soluble

Appearance: dark bluish liquid

Odor: none

pH: 1.5

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



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Revision: **00**

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, give 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 Gloves: 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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