

MATERIAL SAFETY DATA SHEET

Safranine Staining Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Safranine Staining Solution

Product Code: S0400

Material Uses:

Manufacturer: Science Stuff
1104 Newport Ave

Austin, TX 78753

(512) 837-6020

Entry Date : 6/18/2013

Print Date: 6/18/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	2
Flammability:	1
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4
NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Alcohol, Reagent Denatured Ethyl Alcohol		10%	V/V	OSHA TWA 1000 ppm (1900 mg/mf)
<input type="checkbox"/>	Safranine O (C.I. 50240)	CAS# 477-73-6	0.25%	W/V	TXDS: inv-rat LD ₅₀ : 28740 ug/Kg
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

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Fire Extinguisher Type:

Fire / Explosion Hazards:

Fire Fighting Procedure:

SECTION 6 ACCIDENTAL RELEASE MEASURES

SECTION 7 HANDLING AND STORAGE

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:

Ventilation

Local Exhaust

Mechanical

Protective Gloves:

Eye Protection:

Other Protective Equipment:

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	
Boiling Point:	Information not available	Evaporation Rate	
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:		Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:		Upper Flamm. Limit in Air	Not applicable
Flash Point:			
Specific Gravity:			

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:

Conditions to Avoid:

Materials to Avoid:

Hazardous Decomposition Products: Not known to occur

Hazardous polymerization:

Conditions to Avoid:

SECTION 11 Toxicological Information

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SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

SECTION 16 Additional Information

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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