

Material Safety Data Sheet

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Page 1 of 3

Section 1: Chemical Product and Company Identification

Cat#: 25036D

Part Name: GRAM STAIN SAFRANIN

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976
Telephone #215-343-6484

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in product
1	Ethyl alcohol	000064175	19
2	Methanol	000067561	0.01
3	Phenazinium, 3,7-diamino-2,8-dimethyl-5-phenyl-, chloride	000477736	0.01

OSHA (ACGIH) Exposure Limits

CAS#	Name	IDLH	TWA		STEL		CEILING	
			ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000064175	Ethyl alcohol	--	Not classifi	--	--	--	--	
OS								
ACGIH			1000	1884	--	--	--	
000067561	Methanol	6,000	ACGIH;CA	260	--	--	--	
OS								
ACGIH			200	262	250	250	--	
000477736	Phenazinium, 3,7-diamino-2,8-dimethyl-5-phenyl-, chloride	NE	NE	NE	NE	NE	NE	
OS			NE	NE	NE	NE	NE	
ACGIH			NE	NE	NE	NE	NE	

Section 3: Hazards Identification

Flammable liquid and vapor.

May cause skin, eye and respiratory tract irritation.

May cause target organ or system damage - kidney.

May cause target organ or system damage - liver.

May cause target organ or system damage - nervous system.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard.

Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
1	3	0

Section 4: First Aid Measures

Begin rescue breathing if necessary and contact medical personnel.

Flush eyes with flowing water for at least 15 minutes.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 55

Method: closed cup

UEL: 19

LEL: 3.5

Autoignition temperature, deg. F.: no data

Flammability Classification: 2

Flame Propagation Rate: no data

Hazardous Combustion Products: Oxides of carbon and nitrogen

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorb liquids on absorbent material.

Contain spilled liquids.

Protect personnel from exposure.

Remove ignition sources.
Use appropriate personal protective equipment.

Section 7: Handling and Storage

Keep away from heat, sparks, and flame.
Store at room temp
Store in a cool dry place.
Store in a tightly closed container.

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.
Use latex or equivalent gloves.
Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties

Formula:	no data	vapor pressure:	40 mm Hg at 20 deg C
Formula Weight:	no data	vapor density:	1.6
boiling point:	~198 deg f	Specific gravity:	<1
melting point:	no data	ph:	no data
solubility:	complete	appearance:	red/purple liquid

Section 10: Stability and Reactivity

Chemical Stabilit stable
Conditions to Avoid: Excessive heat, sparks or flames
Incompatibility with other materials: Strong oxidizers and organic acids
Hazardous Decomposition Products: no data
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
000064175	not listed	not listed
000067561	U154	Methyl alcohol
000477736	not listed	not listed

Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000064175	no	no
000067561	Yes	no
000477736	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#
000064175

FL	MA	MN	PA	WA		
000067561	FL	MA	MN	NJ	PA	WA
000477736	not listed					

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
000064175	not listed	not listed	not listed
000067561	Methanol	1.0	not listed
000477736	not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
000064175	not listed	not listed	not listed
000067561	not listed	not listed	not listed
000477736	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
000064175	Not listed	Not listed
000067561	Not listed	Not listed
000477736	Not listed	Not listed

Section 16: Other Information

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END OF MSDS