

Material Safety Data Sheet

Issue Date: 12/17/2009

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Section 1: Chemical Product and Company Identification

Cat#: 25038
Part Name: GIEMSA STAIN
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	Giemsa stain	051811826	0.3
2	Glycerol	000056815	15
3	Methanol	000067561	85
4	Wright stain	068988921	0.15

OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 000056815	IDLH: --						
OSHA		Not classifi	15,5a	--	--	--	--
ACGIH		--	10b	--	--	--	--
CAS#: 000067561	IDLH: 6,000						
OSHA		ACGIH;CA	260	--	--	--	--
ACGIH		200	262	250	250	--	--
CAS#: 051811826	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 068988921	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Flammable liquid and vapor.

Harmful if inhaled.

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

Contact medical personnel if discomfort persists.

Flush eyes with flowing water for at least 15 minutes.

For eye contact, obtain emergency medical attention.

If breathing is difficult, contact emergency personnel.

If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink. Call a physician or the POISON CONTROL CENTER immediately. Never give anything by mouth to an unconscious person.

Separate eyelids with finger tips.

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

Section 5: Fire Fighting Measures

Flash point, deg F.: 52

Method:

UEL: 36

LEL: 6

Autoignition temperature, deg. F.: 725 F

Flammability Classification: IA

Flame Propagation Rate: nap

Hazardous Combustion Products: nap

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.
- Protect personnel from exposure.
- Remove ignition sources.
- Ventilate the area.

Section 7: Handling and Storage

Store at room temp

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:	138 at 25 C.
Formula Weight:	no data	vapor density:	1.1
boiling point:	64.7	Specific gravity:	0.86
melting point:	nap	ph:	nap
solubility:	100%	appearance:	purple liquid

Section 10: Stability and Reactivity

- Chemical Stability stable
- Conditions to Avoid: heat, flame
- Incompatibility with other materials: strong oxidizers
- Hazardous Decomposition Products: no data
- Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: LD50 oral rat 5628 mg/Kg; LC50 inhalation rat 64000 ppm; LD50 skin rabbit 15800 ppm
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
000056815	not listed	not listed
000067561	U154	Methyl alcohol
051811826	not listed	not listed
068988921	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
000056815	no	no
000067561	no	no
051811826	no	no

068988921 no no

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

CAS#

000056815	MA	MN	PA	WA		
000067561	FL	MA	MN	NJ	PA	WA
051811826	not listed					
068988921	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.
000056815	not listed	not listed	not listed
000067561	Methanol	1.0	not listed
051811826	not listed	not listed	not listed
068988921	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)
000056815	not listed	not listed	not listed
000067561	not listed	not listed	not listed
051811826	not listed	not listed	not listed
068988921	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)
000056815	Not listed	Not listed
000067561	Not listed	Not listed
051811826	Not listed	Not listed
068988921	Not listed	Not listed

Section 16: Other Information

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END OF MSDS