

# Material Safety Data Sheet

Issue Date: 7/7/2010

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## Section 1: Chemical Product and Company Identification

Cat#: 24985

Part Name: STAINRITE(TM)WRIGHT-GIEMSA STAIN SOLUTION

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	0.19
2	Glycerol	000056815	15.05
3	Methanol	000067561	84.61
4	Wright stain	068988921	0.15

## OSHA (ACGIH) Exposure Limits

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

## 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:	0.8494
melting point:	nap	ph:	nap
solubility:	100%	appearance:	purple liquid

**Section 10: Stability and Reactivity**

Chemical Stabilit 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	Yes	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#	MA	MN	PA	WA		
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