



Date Issued: 11/29/2010
Supersedes Date: 2/13/2006

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Cat#: R-SB1G
Part Name: SCOTT'S BLUING REAGENT
Supplier: Triangle Biomedical Sciences, Inc. (TBS)
3014 Croasdaile Drive
Durham, NC 27705
Phone: 919-384-9393

Emergency Notification: ChemTel Inc. 1-888-255-3924 International +01-813-248-0585

Section 2: Composition/ Information on Ingredients

Item #	Name	CAS#	% in product
1	Sodium bicarbonate	000144558	2
2	Sulfuric acid magnesium salt (1:1)	007487889	0.34
3	Water	007732185	97.5

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	TWA		STEL		CEILING	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000144558	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
007487889	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
007732185	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Low hazard for usual industrial or commercial handling.

Section 4: First Aid Measures

No first aid measures are indicated.

Section 5: Fire Fighting Measures

Flash point, deg F.: no data Method: no data
UEL: no data LEL: no data Autoignition temperature, deg. F.: no data
Flammability no data Flame Propagation no data
Hazardous Combustion Products: carbon oxides

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

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.
No special measures are indicated.

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.
No special protection is indicated.

Section 9: Physical and Chemical Properties

Formula:	mixture	vapor pressure:	no data
Formula Weight:	mixture	vapor density:	no data
boiling point:	100 C	Specific gravity:	1.0
melting point:	0C	ph:	no data
solubility:	miscible	appearance:	clear liquid

Section 10: Stability and Reactivity

Chemical stable
Conditions to Avoid: no data
Incompatibility with other oxidizers
Hazardous Decomposition carbon products
Hazardous will not occur

Section 11: Toxicological Information

Acute 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
000144558	not listed	not listed
007487889	not listed	not listed
007732185	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.

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

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
000144558	no	no
007487889	no	no
007732185	no	no

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

CAS#	
000144558	not listed
007487889	not listed
007732185	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.
000144558	not listed	not listed	not listed
007487889	not listed	not listed	not listed
007732185	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)
000144558	not listed	not listed	not listed
007487889	not listed	not listed	not listed
007732185	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
000144558	Not listed	Not listed
007487889	Not listed	Not listed
007732185	Not listed	Not listed

Section 16: Other Information

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END OF MSDS

NA = not applicable NL = not listed NE = not established NNR = not normally required