



Date Issued: 11/29/2010
Supersedes Date: 08/29/2007

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Cat#: L-B1G
Part Name: Lithium Blue
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

Table with 4 columns: Item #, Name, CAS#, % in product. Row 1: 1, Lithium carbonate, 000554132, 1. Row 2: 2, Water, 007732185, 99.

OSHA (ACGIH) Exposure Limits

Table with 8 columns: CAS#, IDHL, TWA, STEL, CEILING, ppm, mg/m3, ppm, mg/m3. Rows for CAS# 000554132 and 007732185 with OSHA and ACGIH values.

Section 3: Hazards Identification

May cause skin, eye and respiratory tract irritation.

Hazard Ratings:

These ratings are TBS' own assessments 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

Table with 3 columns: Health, Flammability, Reactivity. Values: 2, ---- 0, ----- 0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

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

Remove to fresh air.

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

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

**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: no data

**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.

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.

**Section 9: Physical and Chemical Properties**

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

**Section 10: Stability and Reactivity**

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

**Section 11: Toxicological Information**

Acute no data

Subchronic data: no data

**Section 12: Ecological Information**

no data

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NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

**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
000554132	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.

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
000554132	no	000554132
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#	MA	NJ
000554132		
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.
000554132	Lithium carbonate	1.0	Standard
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)
000554132	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
000554132	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