



MATERIAL SAFETY DATA SHEET

MSDS No: 0274.002.00
Revision Date: December 16, 2011
Approved by: Dariusz Nitcpon

17 Coit Court
Ronkonkoma, NY 11779
800-381-8003

Chemical Product and Company Name

Section 1	GROUND WATER CONTAMINANT	ITEM No.: FV-2B01xx
Product	FD&C Blue#1 water solution	
Synonyms		
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300	

Composition/Ingredients Information

Chemical Name	CAS#	%	TLV Units
Water	7732-18-5	>99%	None established
FD&C Blue#1	3844-45-9	<1%	None established

Hazards Identification

CAUTION!
MAY CAUSE SKIN AND EYE IRRITATION.

- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	C

HMIS

First Aid Measures

INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get a conscious person drink a glass of milk or water. Get medical attention.
INHALATION: Remove to fresh air. Get medical attention if necessary.
EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention immediately.
SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water. Get medical attention if irritation develops.

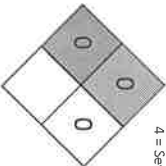
Fire Fighting Measures

Nonflammable liquid.

Extinguishing Media: Use TriClass, dry chemical extinguisher for surrounding fires.
Firefighters should use a self-contained breathing apparatus and protective clothing.

Flash point: N/A
Autoignition temperature: N/A
Explosion limits: Lower: N/A

Upper: N/A



- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

Accidental Release Measures

Restrict unprotected personnel from the area. Contain the spill with an inert absorbent material and deposit in a sealed bag or container. For small spill use paper towel. Place the medium in trash. Ventilate and wash spill area with soap and water.

Handling and Storage

Section 7
Read the label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision.
Handling: Use with adequate ventilation. Wash hands thoroughly after handling.
Storage: Keep container in cool, well-ventilated area.

Section 8

Exposure Controls/ Personal Protection

Engineering controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.
Respiratory protection: Non should be needed if normal laboratory handling at room temperature.

Section 9

Physical and Chemical Properties

Physical state: Liquid
Appearance: Dark blue.
Odor: none.
pH: not available
Vapor Pressure (mm Hg): 2.3kPa at 20°C
Vapor Density: the highest known is 0.62
Evaporation Rate: 3.1
Viscosity: not available

Boiling point: The lowest know is 100°C
Melting point: not available
Freezing point: 0°C/32°F
Decomposition temp: not available
Solubility: Miscible in water.
Specific gravity (H₂O = 1): 1 at 20°C
Percent volatile (%): not available
Molecular formula: Mixture
Molecular weight: Mixture

Section 10

Stability and Reactivity

Chemical Stability: Stable
Conditions to Avoid: not available.
Incompatibilities: not available.
Hazardous decomposition: not available.
Hazardous polymerization: Will not occur.

Section 11

Toxicological Information

Effects of overexposure: It will temporarily stain body tissue. Eye: May cause eye irritation. Skin: Not expected to cause any acute reactions. Inhalation: Not expected to cause any acute reactions. Ingestion: Not available.

Acute oral toxicity LD₅₀: not available.

Acute dermal toxicity LD₅₀ not available.

Acute vapor toxicity LC₅₀: not available

Section 12

Ecological Information

Data not available.

Section 13

Disposal Considerations

Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.

Section 14

Transport Information

UN number: N/A
Shipping name: N/A
Hazard Class: N/A
Packing group: N/A
Exceptions: Ltd Qty. N/A

Section 15

Regulatory Information

TSCA-listed, FD&C Blue#1.

Section 16

Other Information

The Material Safety Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Lab-Aids, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration. Investigation and verification. The data should not be confused with local, state, federal regulations, or insurance mandates, and CONSTITUTE NO WARRANTY. Any use of these data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond Lab-Aids, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).