

# MATERIAL SAFETY DATA SHEET

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 Approved by: Darius Nicpon

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## Section 1 Chemical Product and Company Name

Product	<b>BLUE FOOD COLORING, 1.5%</b>	ITEM No: SA-1B03E
Synonyms	FD&C Blue#1	
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300	

## Section 2 Composition/Ingredients Information

Chemical Name	CAS#	%	TLV Units
Water	7732-18-5	98.5%	None established
FD&C Blue#1	3844-45-9	1.5%	None established

## Section 3 Hazards Identification

CAUTION!  
 MAY CAUSE SKIN AND EYE IRRITATION.

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

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	C

HMIS

## Section 4 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.

## Section 5 Fire Fighting Measures

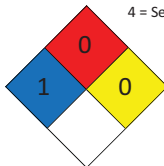
Nonflammable liquid.

**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



## Section 6 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.

## Section 7 Handling and Storage

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 (H<sub>2</sub>O = 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:** May cause eye irritation. It will stain body tissue.

Acute oral toxicity LD<sub>50</sub>: not available.

Acute dermal toxicity LD<sub>50</sub> not available.

Acute vapor toxicity LC<sub>50</sub>: 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

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