

# IDENTITY: Food Coloring - Blue

## Section I – Manufacturer Information

Virginia Dare Extract Co., Inc.  
882 Third Avenue  
Brooklyn, NY 11232

Telephone Number for Information  
(718) 788-1776  
Date Prepared: May 3, 1988

**EMERGENCY NUMBER: (800) 424-9300 (Chemtrec)**

Trade names: Color dry fd&c blue #1 powder “k”

## Section II – Hazard Ingredients/Identity Information

Not applicable

Formula – C<sub>37</sub>H<sub>34</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>S<sub>3</sub>

## Section III – Physical/Chemical Characteristics

Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density:

Specific Gravity: N/A  
Melting Point:  
Evaporation Rate: N/A

Solubility in Water: Appreciable

Appearance and Odor: A blue powder with little or no odor.

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): N/A  
LEL:

Flammable Limits:  
UEL:

Extinguishing Media: Carbon dioxide

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards: As with all organic dusts, may be explosive if mixed with air in critical proportions. Maintain normal good housekeeping

## Section V – Reactivity Data

Stable or Unstable? Stable

Conditions to Avoid:

Incompatibility (Materials to Avoid): Not found

Hazardous Decomposition or Byproducts: Not found

Hazardous Polymerization May Occur or Will Not Occur? Will Not Occur

Conditions to Avoid:

### Section VI – Health Hazard Data

Routes of Entry

Inhalation:

Skin: Yes

Ingestion:

Eyes: Yes

Carcinogenicity

NTP:

IARC Monographs:

OSHA Regulated:

Health Hazards:

Signs and Symptoms of Exposure: Unknown. May be irritating to skin and eyes. May cause temporary staining on unprotected skin.

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Skin – Rinse with soap and water. Contact physician if irritation persists.

Eyes – Flush copiously with water. Contact physician if irritation persists.

Inhalation –

Ingestion –

### Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Sweep up and place in waste disposal container. Flush area with water.

Waste Disposal Method: Normal. Observe local regulations

Precautions to be Taken in Handling and Storing: Store in a cool to ambient dry area. Keep sealed.

Other Precautions:

## Section VIII – Control Measures

Respiratory Protection: If excessive dustiness prevails, then wear a respirator approved for nuisance dusts.

Ventilation –

Local Exhaust: Recommended

Mechanical:

Special:

Other:

Protective Gloves: Recommended

Eye Protection: Safety goggles

Other Protective Clothing or Equipment: Coveralls to protect from staining.

Work/Hygienic Practices:

## Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.