



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Food Color Blue
Product Code: XTR061565

Other means of identification:

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Baking applications, confections, bakery, food service, beverages

Chemical manufacturer address and telephone number:

Manufacturer Name: Castella Imports, Inc.
Address: 60 Davids Drive
Hauppauge, New York 11788
United States
Website: <http://www.castella.com/>
General Phone Number: (631) 231-5500

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

Signal Word: Not applicable.
GHS Class: Not classified
Hazard Statements: None.
Precautionary Statements: None.

Hazards not otherwise classified that have been identified during the classification process:

Potential Health Effects:

Eye: May cause irritation.
Skin: May cause irritation.
Target Organs: Eyes. Skin. Respiratory system. Digestive system.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Tap Water	7732-18-5	>99 by weight	
Citric Acid Granular	77-92-9	<0.3 by weight	
Proprietary Ingredients		<0.8 by weight	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: No effects anticipated If symptoms develop Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: No effects anticipated If symptoms develop Wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Inhalation: No effects anticipated If symptoms persist, call a physician.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

NFPA Ratings:

NFPA Health: 1
NFPA Flammability: 1
NFPA Reactivity: 0



SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: For large spills; Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.

Environmental precautions:

Environmental Precautions: For large spills; Avoid runoff into storm sewers, ditches, and waterways.

Methods and materials for containment and cleaning up:

Methods for containment: For large spills; Contain spills with an inert absorbent material such as soil, sand or oil dry.

Methods for cleanup: For large spills; Place into a suitable container for disposal.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes.

Special Handling Procedures: Do not re-use empty containers.

Conditions for safe storage, including any incompatibilities:

Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Guideline ACGIH: Not established.

Guideline OSHA: Not established.

Appropriate engineering controls:

Engineering Controls: No special protective equipment required under normal conditions of use. Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Individual protection measures:

Eye/Face Protection: No special protective equipment required under normal conditions of use. If splashes are likely to occur, wear: Chemical splash goggles.

Skin Protection Description: No special protective equipment required under normal conditions of use.

Respiratory Protection: No special protective equipment required under normal conditions of use. No personal respiratory protective equipment is normally required. The need for respiratory protection will vary according to the airborne concentrations and environmental conditions (such as in manufacturing).

PPE Pictograms:



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State Appearance:	Liquid.
Color:	Dark.
Odor:	Odorless.
Odor Threshold:	Not applicable.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Density:	Not determined.
Specific Gravity:	1.0000 – 1.0110
Solubility:	water.
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Percent Volatile:	Not determined.
Evaporation Rate:	Not determined.
pH:	2.9 – 3.6
Flash Point:	>210 °F (>99°C)
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Auto Ignition Temperature:	Not determined.
Refractive Index:	1.3300 – 1.3330

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability: Stable under recommended handling and storage conditions.

Possibility of hazardous reactions:

Hazardous Polymerization: Hazardous polymerization does not occur.

Conditions To Avoid:

Conditions to Avoid: Heat, flames, ignition sources, and sparks. Incompatible materials.

Hazardous Decomposition Products:

Special Decomposition Products: Thermal decomposition can lead to release irritant fumes and toxic gases.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Eye: No relevant toxicological data were available.

Skin: No relevant toxicological data were available.

Inhalation: No relevant toxicological data were available.

Ingestion: No relevant toxicological data were available.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: No environmental information found for this product.

Environmental Fate: No environmental information found for this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Dispose of in accordance with Local, State, Federal and Provincial regulations.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Restricted
DOT UN Number: Not Applicable

Notes : The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: All the constituents of this product are TSCA listed or exempt from listing.

SARA: This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

California PROP 65: The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This product does not contain any Proposition 65 chemicals.

Canada WHMIS: Not controlled.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: X

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

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