



## Safety Data Sheet

### Topaz Orange Liquid Crystal Dye

May 26, 2022

#### Section 1: Chemical Product and Company Identification

**Product name:** Topaz Orange Liquid Crystal Dye  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Use of the substance/mixture**  
**Emergency Phone Number:** Cororants

Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

#### Section 2: Hazards Identification

##### 2.1 Classification of the substance or mixture

###### GHS-US Classification

Not Classified

##### 2.2 Label elements

###### GHS-US Labeling

No labeling applicable

##### 2.3 Other Hazards which do not result in Classification

No additional information available

##### 2.4 Unknown acute toxicity (GHS US)

Not applicable

#### Section 3: Composition/Information on Ingredients

##### 3.1 Substances

Not Applicable

##### 3.2 Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012.

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

**First-aid measures general:** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** Allow victim to breathe fresh air. Allow the victim to rest.

**First-aid measures after skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention. Specific treatment (see Call a physician immediately, Wash skin with plenty of water on this label). Wash contaminated clothing before reuse.

**First-aid measures after eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

**First-aid measures after ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

**Symptoms/effects:** Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3 Indication of any immediate medical attention and special treatment needed Treatment:

No additional information available

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

### 5.2 Special hazards arising from the substance or mixture

No additional information available

### 5.3 Advice for firefighters

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.  
Emergency procedures: Ventilate area.

### **6.2 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### **6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### **6.4 Reference to other sections**

See Heading 8. Exposure controls and personal protection.

## **Section 7: Handling and Storage**

### **7.1 Precautions for safe handling**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Keep only in the original container in a cool, well ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use.

**Incompatible products:** Strong bases. Strong acids.

**Incompatible materials:** Sources of ignition. Direct sunlight.

**Storage temperature:** 25°C

**Storage area:** Store in a well-ventilated place. Store away from heat.

**Special rules on packaging:** Store in a closed container.

**Packaging material:** Do not store in corrodible metal.

## **Section 8: Exposure Controls/Personal Protection**

### **8.1 Control parameters**

No additional information available

### **8.2 Appropriate engineering controls**

No additional information available

### **8.3 Individual protection measures/Personal protective equipment**

#### **Personal protective equipment:**

Avoid all unnecessary exposure

**Hand protection:** Wear protective gloves

**Eye protection:** Chemical goggles or safety glasses

**Respiratory protection:** Wear appropriate mask

**Other Information**

Do not eat, drink or smoke during use.

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Physical State:** Liquid

**Color:** Conforms to standard

**Odor:** Characteristic

**Odor Threshold:** No data available

**pH:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** >94° C

**Relative evaporation rate (butyl acetate=1):** No data available

**Flammability (solid, gas):** No data available

**Vapor Pressure:** No data available

**Relative vapor density at 20°C:** No data available

**Relative Density:** No data available

**Solubility:** No data available

**Auto-ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity, kinematic:** No data available

**Viscosity, dynamic:** No data available

**Explosion limits:** No data available

**Explosive properties:** No data available

**Oxidizing properties:** No data available

### 9.2. Other information

No additional information available

## Section 10: Stability and Reactivity

**Reactivity**

No additional information available

**Chemical stability**

Not established

**Possibility of hazardous reactions**

Not established

**Conditions to avoid**

Direct sunlight. Extremely high or low temperatures

**Incompatible materials**

Strong acids. Strong bases

**Hazardous decomposition products**

Fume. Carbon monoxide. Carbon dioxide

## Section 11: Toxicological Information

### 11.1. Information on toxicological effects

**Acute toxicity:** Not classified

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not Classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Aspiration hazard:** Not classified

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

**Symptoms/injuries after inhalation:** Not expected to present a significant hazard under anticipated conditions of normal use.

## Section 12: Ecological Information

### 12.1 Toxicity

No additional information available

**12.2 Persistence and degradability:** Not established

**12.3 Bioaccumulative potential:** Not established

**12.4 Mobility in soil:** No additional information available.

**12.5 Other adverse effects:**

**Other information:** Avoid release to the environment.

## Section 13: Disposal Conditions

### 13.1 Waste treatment methods

**Product/Packaging disposal recommendations:** Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.

**Ecology - waste materials:** Avoid release to the environment.

## Section 14: Transport Information

**In accordance with DOT:** Not regulated for transport

### Additional information

**Other information:** No supplementary information available.

### ADR

No additional information available

**Transport by sea**

No additional information available

**Air transport**

No additional information available

## Section 15: Regulatory Information

**15.1 U.S. Federal Regulations:**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

**15.2 International Regulations**

**Canada**

No additional information available

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

**California Proposition 65** - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Glycerine(56-81-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Phosphoric acid(7664-38-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

## Section 16: Other Information

**NFPA health hazard:** 1 – Materials that, under emergency conditions, can cause significant irritation.

**NFPA fire hazard:** 1 – Materials that must be preheated before ignition can occur.

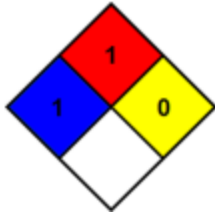
**NFPA reactivity:** 0 – Material that in themselves are normally stable, even under fire conditions.



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HANDCRAFT PROVISIONS

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