



Safety Data Sheet

Jade Liquid Crystal Dye

May 26, 2022

Section 1: Chemical Product and Company Identification

Product name: Jade 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. 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:

Treat symptomatically

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

Toxic fumes may be released

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. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal 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.

Other information: Dispose of materials or solid residues at an authorized site.

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

Precautions for safe handling: Ensure good ventilation of the workstation. Wear personal protective equipment. 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.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Appropriate engineering controls: Ensure good ventilation of the workstation.

Environmental exposure controls: Avoid release to the environment.

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

Skin and body protection: Wear suitable protective clothing

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: ≈2.14

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: This product is non-reactive under normal conditions of use, storage and transport.

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

Ecology – general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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

Waste treatment methods: Dispose of contents/container in accordance with local/national laws and regulations.

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national 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
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
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
C.I. Acid Blue 9, disodium salt(3844-45-9)	U.S. - Massachusetts - Right To Know 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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