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Material Safety Data Sheet

Section 1 - Identification

Product Name; Berry Blue Liquid CANDLE Dye

Other identifying names; None

C.A.S. No: Mixture

Chemical Family: Anthraquinone, Aromatic Esther

Labeling Instructions;

Liquid - Do Not Freeze. Handle with care. Wear appropriate protection: Goggles and work clothing. Over exposure may cause irritation. Avoid breathing fumes. Keep in warm area. Wash after handling. Shake well before using.

Section 2 - Hazardous Ingredients / Identity Information

Components Sara Title 3, Section 313: Not Listed

Section 3 - Physical / Chemical Characteristics

| | | | |
|---------------------------|-----------|--------------------------------|-----------------------|
| Boiling Point | 614°F | Specific Gravity (H2O=1) | 1.114 |
| Vapor Pressure (MM HG)=20 | 68°F | Melting Point | 70°F |
| Vapor Density (air=1) | 7.3 | Evaporation rate (butyl act=1) | 1 |
| Solubility in water | Insoluble | Appearance & odor | Liquid, aromatic odor |

Section 4 - Health Hazard Data (Acute & Chronic)

Effects of overexposure:

Avoid Over exposure. This product can cause irritation of the eyes, skin, and breathing passages. Wear NIOSH/OSHA approved dust respirator / mask, gloves and work clothing. Wash and change clothing after handling. Use local ventilation when handling.

Inhalation - Yes, Skin - Yes, Ingestion - Yes, Eyes - Yes

Signs and symptoms of over exposure;

Inhalation: Vapors may cause respiratory tract irritation.

Eye & Skin Contact: May cause irritation

Ingestion: May cause progressive incoordination, central nervous system excitation, & convulsions, possibly leading to death.

Medical conditions generally aggravated by exposure:

No data available on skin contact or inhalation. Persons with impaired pulmonary function or skin disorders may be more susceptible to the effects of this product or any type of dusty material. Handle with care, avoid over exposure.

Carcinogenicity: NTP: No IARC: No OSHA Regulated: No

Exposure Limits: No exposure limits have been determined or found in existing published studies. It is suggested that this product be used in accordance with good industrial practices.

Handle this product with care, avoid personal contact.

Toxicity Data;

Oral (Animal), No data available

Dermal (Animal), No data available

Inhalation (Animal), No data available

Effects to eyes (Animal), No data available

Skin Irritation (Animal), No data available

Fish LC50 (lethal) No data available

Additional Data:

Inhalation: Vapors may cause respiratory tract irritation.

Eye & Skin Contact: May cause irritation

Ingestion: May cause progressive incoordination, central nervous system excitation, & convulsions, possibly leading to death.

Section 4 - Health Hazard Data (Acute & Chronic) contd.

HMIS Code: H:1 Over exposure may cause irritation
F:0 Normally Stable
R:0 Stable
P:D NIOSH / OSHA approved dust respirator, gloves, apron & goggles.

Section 5 - Emergency and first - aid procedures

Eye Contact: Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.
Skin Contact: Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.
Inhalation: Remove to fresh air if breathing is difficult, give oxygen and get immediate medical attention.
Ingestion: Induce vomiting - seek immediate medical attention.

Section 6- Fire and Explosion Hazard data:

Flash point: 298°F. Auto ignition, 896°F
Flammable Limits: Not determined
Extinguishing Media: Do not use water, use dry chemical or CO2
Special Fire Fighting Procedures; Wear self - contained breathing apparatus.

Unusual Fire & Explosion Procedures:

None expected. Firefighters should be equipped with self-contained breathing apparatus to guard against potentially toxic and irritating fumes. Avoid dusting. Dust can form explosive mixtures with air.

Section 7- Reactivity data:

Stability: Stable
Polymerization: Hazardous polymerization will not occur.
Conditions and materials to avoid: Oxidizing and reducing agents may destroy color.
Hazardous Decomposition Products: CO, CO2, Oxides of nitrogen and other potentially toxic fumes.

Section 8- Control Measures:

Environmental: Avoid any uncontrolled release of material.
Precautions: Where spills are possible a comprehensive spill response plan should be developed and implemented.

Steps to be taken if material is released or spilled:

Utilize recommended protective clothing and equipment. Spills should be swept up using an absorbent dust control product and placed in containers. Spill area can be washed with water, collect water for approved disposal. In the event of an uncontrolled release of this material the user should determine if the release is reportable under applicable laws and regulations.

Cercla: Not regulated
RCRA Status: Not regulated
Section 302: Not regulated
Section 313: Not regulated

This product is not hazardous as defined by hazardous communication standard. However, as with all chemical; Handle with care, avoid eye contact, avoid inhalation of dusts or vapors. Wash thoroughly after handling. Keep containers closed.

Section 9- Precautions for safe handling and use:

Respiratory protection: Use an OSHA/NIOSH approved dust mask/ respirator. Local exhaust is preferred and most effective. Mechanical and general ventilation is less effective. Use natural ventilation if possible.
Protective Gloves: Plastic or rubber gloves
Eye Protection: Safety goggles or full face shield
Protective Clothing/eqpt: Coveralls & non-leather soled work shoes.

Section 9- Precautions for safe handling and use: (contd.).

Work/ Hygienic practices: Wash dye contaminated clothes & skin with mild soaps and detergents.

Special Precautions: In accordance with good industrial practice, handle this product with care and avoid personal contact.

Section 10- Transportation information:

D.O.T. Shipping Name: None

Technical Shipping Name: Solvent Dye

D.O.T. Hazard Class: Not DOT regulated. Not Hazardous Liquid

UN/NA Number: None

Product Reportable Qty: None

D.O.T. Placards required: None

Freight Class Bulk: Not DOT regulated, Not Hazardous Liquid

Freight Class Package: Not DOT regulated, Not Hazardous Liquid

Product Label: Solvent Dye

Section 11- Regulatory Information

TSCA: In Compliance

SARA: Not Reportable

Acute: No

Chronic: No

Flammable: No

Reactive: No

Oxidizer: No

This product and/or ingredients used to make this product are listed in the T.S.C.A. chemical substance inventory. The recommendations contained herein are based upon the information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind or implied is made with respect to the information contained herein. This M.S.D.S was prepared to comply with the OSHA Hazard Communication Standard [29 CFR 1910.1200].