

**MSDS** **MATERIAL SAFETY DATA SHEET**  
RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

**Idye: Emerald****MSDS No: # 423** **Effective Date: 10/22/7****Amendatory Date: 11/6/7****1. Product Identification**

Product Name: iDye Emerald  
Product Code: #423  
Chemical Family: Proprietary Mix  
T.S.C.A Status: Compliance

**2. Hazardous Ingredients**

Hazardous Components: N/A  
Current TLV's: None  
Contains less than 50ppm of lead

**3. Physical Data**

Appearance: Powder  
Color: Brown  
Odor: None  
Solubility in Water: Soluble  
pH: N/A

**4. Fire and Explosive Data**

Flash Point: Not Applicable  
Extinguishing Media: Water, Dry Chemical, CO2, Foam  
Special Fire Fighting Procedures/Unusual Fire or Explosive Hazards: Firefighters should be equipped with protective clothing & self contained breathing apparatus to protect against potentially toxic and irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area and any entry. Stay upwind, out of low lying areas and ventilate closed spaces before entering.

**5. Health Effects Data**

Animal Toxicity Oral – LD50 (ingestion): No data  
Fish, LC: No data  
Eye Effects: Irritant  
Skin Effects: Irritant  
Human Effects of Overexposure: Contact with eyes and skin may result in irritation. Ingestion may result in gastric disturbances. Inhalation may cause respiratory irritation.

**6. Emergency and First Aid Procedures**

Eye Contact: Wash immediately with large amounts of water, occasionally lifting the upper and lower lids until no evidence of product remain. Get medical attention. Do not wear contact lenses while handling.  
Skin Contact: Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.  
Ingestion: If swallowed, do not induce vomiting. Qualified medical personnel should remove product by gastric lavage and catharsis. Get medical attention.  
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably, mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

**7. Employee Protection Recommendations**

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Eye Protection: Employees should wear protective eye goggles.  
Skin Protection: This material may be absorbed via the dermal route is prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves, and boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.  
Respiratory Protection: NIOSH approved dust respirator.  
Ventilation: Use local ventilation is dusting is a problem.  
Other: Emergency showers and eye wash stations should be available.

**8. Reactivity Data**

Stability: Stable  
Polymerization: Not Likely  
Incompatibility (materials to avoid): None Known  
Hazardous Decomposition Products: Like any other organic product, combustion will produce carbon dioxide and may produce carbon monoxide. Oxides of nitrogen and sulfur may also be produced.

**9. Spill or Leak Procedures**

In Case Material is Released/Spilled: Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent materials and place into containers for later disposal. Scrub spilled area with detergent, flush with copious amounts of water.  
Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

**10. Special Precautions and Storage Data**

Handling and Storing Precautions: Store in a dry place, away from excessive heat, in original or similar waterproof container. Reseal container immediately after use. Avoid unnecessary contact.

**11. Shipping Data**

Proper Shipping Name: Non-Hazardous Ink Material  
D.O.T. Hazard Classification: Not Regulated

**Notice to Reader**

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