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**SDS****SAFETY DATA SHEET**

RUPERT, GIBBON &amp; SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

**Name:** Green Label Silk Dyes**SDS No:** All Colors **Date:** 6/6/15**1. Chemical, Product and Company Identification****Product Name:** Silk Colors Green Label**Catalog Codes:** NA**CAS#:** NA**TSCA:** COMPLIANCE**CI#:** NA**Synonym:** REACTIVE DYESTUFF**Chemical Name:** Vinyl Sulphones**Chemical Formula:** 701, 703, 706, 710, 712, 714, 715, 717, 718, 721, 722, 723, 725, 730, 732, 735, 736, 745, 750, 759**Contact Information:****Rupert Gibbon & Spider**1147 Healdsburg Rd  
Healdsburg, CA 95448  
800-442-0455**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887**For non-emergency assistance, call:** 800-442-0455**2. Composition and Information on Ingredients****Composition:**

<b>Name</b>	<b>CAS #</b>	<b>% by Weight</b>
REACTIVE DYESTUFF		
ACEDIC ACID		1.5%

**Toxicological Data on Ingredients:****3. Hazards Identification****Routes of Entry:** INHALATION: YES, SKIN ABSORPTION: NO, INGESTION: NO

SKIN CONTACT: YES, EYE CONTACT: YES

**Potential Acute Health Effects:** When tested on guinea pigs, this product has shown a positive skin sensitization potential. This product has caused respiratory sensitization in some individual cases after repeated exposure.**Signs and Symptoms of Exposure:** Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough, and irritated eyes to asthmatic symptoms. These effects can lead to shock and cardiovascular collapse and are potential lethal.**Medical Conditions Aggravated:** Persons with any pre-existing skin or eye conditions may be more susceptible to the effects of this product.**Carcinogenic:** IARC: NO, NTP: NO, OSHA: NO, ACGIH: NO**4. First Aid Measures****General Information:** Immediately remove all contaminated clothing**Eye Contact:** Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.**Ingestion:** Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

**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.

**Skin Contact:** Remove all contaminated clothing immediately. 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.

### **Section 5: Fire and Explosion Data**

**Flammability of the Product:** NA

**Auto-Ignition Temperature:** NA

**Flash Points:** Not Applicable

**Flammable Limits:** NA

**Products of Combustion:** NA

**Fire Hazards in Presence of Various Substances:** NA

**Explosion Hazards in Presence of Various Substances:** NA

**Fire Fighting Media and Instructions:** CO2, Dry Chemical, Foam, Water

**Special Remarks on Fire & Explosion Hazards:** Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritation fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

### **Section 6: Accidental Release Measures**

**Large or Small Spill:** Do not empty into drains or waters. 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 material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

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

**Precautions:** In accord with good industrial practice. Handle with care and avoid personal contact.

**Storage:** In accord with good industrial practice. Handle with care and avoid personal contact.

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

**General Protective Measures:** Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

**Personal Protection:**

**Eye:** Employees should wear protective eye-goggles with side protection shield.

**Skin:** Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. fo PVC or nitrile rubber, and booths are recommended. Additional protections such as impervious suits are recommended when the potential of dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

**Respiratory:** Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

**Ventilation:** Use local ventilation.

**Other:** Wear overalls, apron or other protective clothing.

**Personal Protection in Case of a Large Spill:** Gloves, & other protective clothing.

**Exposure Limits:** NA

### **Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Powder

**Odor:** None

**Taste:** NA

**Molecular Weight:** NA

**Color:** Ranges from Yellow to Dark Brown

pH (1% soln/water): Approx. 4.0 - 5.0  
Boiling Point: NA  
Melting Point: NA  
Critical Temperature: >240 C  
Specific Gravity: NA  
Vapor Pressure: NA  
Vapor Density: NA  
Volatility: NA  
Odor Threshold: NA  
Water/Oil Dist. Coeff.: NA  
Ionicity (in Water): NA  
Dispersion Properties: NA  
Solubility: +/- 70-100 g/L

#### **Section 10: Stability and Reactivity Data**

Stability: stable  
Instability Temperature: No thermal decomposition when stored and handled correctly.  
Conditions of Instability: NA  
Incompatibility with various substances: NA  
Corrosivity: Corrosive  
Special Remarks on Reactivity: None expected  
Special Remarks on Corrosivity: NA  
Polymerization: NA

#### **Section 11: Toxicological Information**

Routes of Entry: Not available  
Toxicity to Animals:  
Animal Toxicity Oral – LD50 (Ingestion), >3000 mg/l (rats)  
Fish, LC50, >100 mg/l (48 hour, Killifish)  
Eye Effects – Non-irritant  
Skin Effects – Non-irritant  
Sensitization – May cause sensitization by skin contact (Guinea Pig).  
Chronic Effects on Humans: Not available  
Other Toxic Effects on Humans: Not available  
Special Remarks on Toxicity to Animals: None  
Special Remarks on Chronic Effects on Humans: None  
Special Remarks on other Toxic Effects on Humans: None

#### **Section 12: Ecological Information**

Ecotoxicity: NA  
BOD5 and COD: NA  
Products of Biodegradation: NA  
Toxicity of the Products of Biodegradation: NA  
Special Remarks on the Products of Biodegradation: NA

#### **Section 13: Disposal Considerations**

Waste Disposal:  
Product: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, M state and local environmental regulations, e.g. by incineration in a suitable plant.  
Uncleaned Packaging: Soiled, empty containers are to be treated in the same way as the contents.

#### **Section 14: Transport Information**

**DOT Classification:** Not regulated  
**Identification:** Non-hazardous Ink Material  
**Special Provisions for Transport:**  
**Fr. Class Package:** 55

### **Section 15: Other Regulatory Information**

#### **Federal and State Regulations:**

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312:

Immediate (acute) health hazard – Yes

Delayed (chronic) health hazard – Yes

Fire hazard – No

Sudden Release of Pressure – No

Reactivity – No

California Proposition 65: This product does not contain any components currently on the California Lis of Known Carcinogens and reproductive Toxins.

**Other Regulations:** Label in accordance with the EEC directives:

Hazard Symbols: Xn Harmful

R 42/43: May cause sensitization by inhalation and skin contact

S22: Do not breath dust

S24: Avoid contact with skin

S37: Wear suitable gloves

This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> Amendment of the Council Directive 76/769/EEC

**Other Classifications:**

**WHMIS (Canada):**

**DSCL (EEC):**

**HMIS (U.S.A.):**

**Health Hazard:** Yes (Acute)

**Fire Hazard:** NA

**Reactivity:** NA

**Personal Protection:** Gloves

**National Fire Protection Association (U.S.A.):** NA

**Health:** NA

**Flammability:** NA

**Reactivity:** NA

**Specific hazard:** NA

**Protective Equipment:** NA

### **Section 16: Other Information**

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider Inc. does not guarantee the accuracy or completeness thereof.

Rupert, Gibbon & Spider Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

**Name:** Red Label Silk Dyes

**SDS No:** All Colors **Date:** 6/6/15

### **1. Chemical, Product and Company Identification**

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**Catalog Codes:** NA

**CAS#:** NA

**TSCA:** COMPLIANCE

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**Synonym:** REACTIVE DYESTUFF

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**SKIN CONTACT:** YES, **EYE CONTACT:** YES

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**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.

**Skin Contact:** Remove all contaminated clothing immediately. 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.

#### **Section 5: Fire and Explosion Data**

**Flammability of the Product:** NA

**Auto-Ignition Temperature:** NA

**Flash Points:** Not Applicable

**Flammable Limits:** NA

**Products of Combustion:** NA

**Fire Hazards in Presence of Various Substances:** NA

**Explosion Hazards in Presence of Various Substances:** NA

**Fire Fighting Media and Instructions:** CO2, Dry Chemical, Foam, Water

**Special Remarks on Fire & Explosion Hazards:** Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritation fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

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#### **Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Powder

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**Taste:** NA

**Molecular Weight:** NA

**Color:** Ranges from Yellow to Dark Brown

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Critical Temperature: >240 C  
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Vapor Pressure: NA  
Vapor Density: NA  
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**Incompatibility with various substances:** NA

**Corrosivity:** NA

**Special Remarks on Reactivity:** None expected

**Special Remarks on Corrosivity:** NA

**Polymerization:** NA

**Section 11: Toxicological Information**

**Routes of Entry:** Not available

**Toxicity to Animals:**

Animal Toxicity Oral – LD50 (Ingestion), >3000 mg/l (rats)

Fish, LC50, >100 mg/l (48 hour, Killifish)

Eye Effects – Non-irritant

Skin Effects – Non-irritant

Sensitization – May cause sensitization by skin contact (Guinea Pig).

**Chronic Effects on Humans:** Not available

**Other Toxic Effects on Humans:** Not available

**Special Remarks on Toxicity to Animals:** None

**Special Remarks on Chronic Effects on Humans:** None

**Special Remarks on other Toxic Effects on Humans:** None

**Section 12: Ecological Information**

**Ecotoxicity:** NA

**BOD5 and COD:** NA

**Products of Biodegradation:** NA

**Toxicity of the Products of Biodegradation:** NA

**Special Remarks on the Products of Biodegradation:** NA

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**Waste Disposal:**

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**HMIS (U.S.A.):**

**Health Hazard: Yes (Acute)**

**Fire Hazard: NA**

**Reactivity: NA**

**Personal Protection: Gloves**

**National Fire Protection Association (U.S.A.): NA**

**Health: NA**

**Flammability: NA**

**Reactivity: NA**

**Specific hazard: NA**

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