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

Name

SDS No: iDye 410 Scarlet **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 410 Scarlet
Catalog Codes: #410
CAS#:
RTECS:
TSCA: Compliance
CI#:
Synonym:
Chemical Name: METALIZED AZO DYE
Chemical Formula:

Contact Information:
Rupert Gibbon & Spider
1147 Healdsburg Avenue
Healdsburg, CA 95448
800-442-0455
EMERGENCY: 800/222-1222

2. Composition and Information on Ingredients

Composition:

Name	**CAS #**	**% by Weight**
Name	#	#
Name	#	#

Toxicological Data on Ingredients:

3. Hazards Identification

Routes of Entry:
Inhalation: Yes Skin Absorption: No Ingestion: No
Skin Contact: No Eye Contact: Yes

Potential Acute Health Effects:
Potential Chronic Health Effects: NA
Signs and Symptoms of Exposure: May be irritation to the eyes, skin, and respiratory tract.
Medical Conditions Aggravated: Persons with pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
Carcinogenic: IARC: No NTP: No OSHA: No

4. First Aid Measures

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.

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Section 5: Fire and Explosion Data

Flammability of the Product: NA
Auto-Ignition Temperature: NA
Flash Points: NA
Flammable Limits: NA
Products of Combustion: NA
Fire Hazards in Presence of Various Substances: NA
Explosion Hazards in Presence of Various Substances: Avoid dusting conditions. May form explosive dust mixtures with air.
Fire Fighting Media and Instructions: CO2 Dry Chemical Foam Water Fog
Special Remarks on Fire and Explosion Hazards: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating 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

Avoid formation and deposition of dust. 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: NA

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Personal Protection: Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.
Eye protection: Employees should wear protective eye-goggles with side protection shield.
Skin protection: Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections 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. Keep away from food and drink stuffs.
Respiratory Protection: Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
Other Limits: Wear overalls, apron or other protective clothing.

Section 9: Physical and Chemical Properties

Physical state and appearance: yellow to dark brown
Odor: none
Taste: NA
Molecular Weight: NA
Color: yellow to dark brown
pH (1% soln/water):9.9
Boiling Point: NA
Melting Point: NA
Critical Temperature: NA
Specific Gravity: NA

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Density: 750 kg/m3
Volatility: 0.50
Odor Threshold: NA
Water/Oil Dist. Coeff.: NA
Ionicity (in Water): NA
Dispersion Properties: NA
Solubility:110 g/l

Section 10: Stability and Reactivity Data

Stability:
Thermal Decomposition: No Thermal decomposition when stored and handled correctly.
Hazardous Reactions: In the case of dusty organic products the possibility of a dust explosion should always be considered.
Instability Temperature:
Conditions of Instability:
Incompatibility with various substances:
Corrosivity:
Special Remarks on Reactivity:
Special Remarks on Corrosivity:
Polymerization:

Section 11: Toxicological Information

Routes of Entry: NA
Chronic Effects on Humans: NA
Other Toxic Effects on Humans: NA
Special Remarks on Chronic Effects on Humans: NA
Special Remarks on other Toxic Effects on Humans: NA

Section 12: Ecological Information

Ecotoxicity:
BOD5 and COD: BOD5 NA COD: ND AOX: 0.00%
Biodegradability: 10%
Bacteria Toxicity: ND
Toxicity of the Products of Biodegradation:
Special Remarks on the Products of Biodegradation:

Section 13: Disposal Considerations

Waste Disposal: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, 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
Proper Shipping Name: Non-hazardous ink material
Identification:
Special Provisions for Transport:
FRT. Class Package: 55
IATA: Non-regulated **IMDG:** Non-regulated

Section 15: Other Regulatory Information

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

SARA 313: This product is subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

COPPER COMPOUND	3.5 %
COPPER (7440-50-8)	0.19 %

SARA312:	Immediate (acute) health hazard	Yes
	Delayed (chronic) health hazard	No
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

Labeling not required in accordance with the EEC directives:

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76n69/EEC.

CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins

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.