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

Name

SDS No: iDye 402 Ecru **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 402 Ecru
Catalog Codes: #402
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.

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

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.

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

Name

SDS No: iDye 403 Sun Yellow **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 403 Sun Yellow
Catalog Codes: #403
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.

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

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.

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

Name

SDS No: iDye 404 Bright Yellow **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 404 Bright Yellow
Catalog Codes: #404
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.

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

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.

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

Name

SDS No: iDye 405 Fluorescent Yellow **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 405 Fluorescent Yellow
Catalog Codes: #405
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.

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

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.

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

Name

SDS No: iDye 406 Golden Yellow **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 406 Golden Yellow
Catalog Codes: #406
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.

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

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.

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

Name

SDS No: iDye 407 Pumpkin **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 407 Pumpkin
Catalog Codes: #407
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.

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

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.

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

Name

SDS No:iDye 408 Deep Orange **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 408 Deep Orange
Catalog Codes: #408
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.

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

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.

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

Name

SDS No: iDye 409 Pink **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: iDye Pink
Catalog Codes: #409
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.

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

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.

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.

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

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.

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

Name

SDS No: iDye 411 True Red **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 411 True Red
Catalog Codes: #411
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.

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

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.

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

Name

SDS No: iDye 412 Fire Red **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 412 Fire Red
Catalog Codes: #412
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.

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

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.

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

Name

SDS No: iDye 414 Lilac **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 414 Lilac
Catalog Codes: #414
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.

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

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.

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

Name

SDS No: iDye 415 Violet **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 415 Violet
Catalog Codes: #415
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.

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

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.

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

Name

SDS No: iDye 416 Purple **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 416 Purple
Catalog Codes: #416
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.

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

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.

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

Name

SDS No: iDye 417 Brilliant Blue **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 417 Brilliant Blue
Catalog Codes: #417
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.

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

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.

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

Name

SDS No: iDye 418 Turquoise **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 418 Turquoise
Catalog Codes: #418
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.

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

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.

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

Name

SDS No: iDye 419 Royal Blue **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 419 Royal Blue
Catalog Codes: #419
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.

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

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.

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

Name

SDS No: iDye 420 Navy **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 420 Navy
Catalog Codes: #420
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.

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

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.

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

Name

SDS No: iDye 421 Kelly Green **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 421 Kelly Green
Catalog Codes: #421
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.

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

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.

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

Name

SDS No: iDye 422 Chartreuse **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 422 Chartreuse
Catalog Codes: #422
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.

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

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.

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

Name

SDS No: iDye 423 Emerald **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 423 Emerald
Catalog Codes: #423
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.

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

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.

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

Name

SDS No: iDye 424 Chestnut **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 424 Chestnut
Catalog Codes: #424
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.

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

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.

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

Name

SDS No: iDye 425 Aztec Gold **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 425 Aztec Gold
Catalog Codes: #425
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.

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

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.

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

Name

SDS No: iDye 426 Olive **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 426 Olive
Catalog Codes: #426
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.

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

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.

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

Name

SDS No: iDye 427 Brown **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 427 Brown
Catalog Codes: #427
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.

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

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.

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

Name

SDS No: iDye 428 Gold Ochre **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: 428 Gold Ochre
Catalog Codes: #428
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.

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

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.

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

Name

SDS No: iDye 430 Silver Grey **Date:** 06/06/2015

1. Chemical, Product and Company Identification

Product Name: Silver Grey
Catalog Codes: #430
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.

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

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

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

Name

SDS No: iDye 431 Black **Date:** 06/06/15

1. Chemical, Product and Company Identification

Product Name: Black
Catalog Codes: #431
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.

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

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

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