1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE BURGUNDY
PRODUCT CODE NUMBER .. #610
CHEMICAL FAMILY ............... AZO
T.S.C.A. STATUS .................. COMPLIANCE
PRIMARY PRODUCT USE..... TEXTILE MANUFACTURING
MANUFACTURED BY........ RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

Harmful to aquatic life with long lasting effects. (Chronic Category 3)

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES SKIN ABSORPTION: NO INGESTION: NO
SKIN CONTACT: YES EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE
None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED
Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

C.I. Acid Red 374 (6507-78-4) 80-90%: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The exact ingredient percentages and composition has been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............. Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

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.

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.

5. FIRE AND EXPLOSION DATA

FLASH POINT .......................... > 100 deg C

EXTINGUISHING MEDIA ............... CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

ADDITIONAL INFORMATION.......... Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

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.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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.

VENTILATION ............... Use local ventilation.

OTHER ......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ............... POWDER
COLOR ......................... RED
ODOR .......................... mild
ODOR THRESHOLD..........NA
SOLUBILITY IN WATER ....40 g/l @ 90°C
BULK DENSITY ............... 400 – 600 kg/m³
VISCOSITY ................... NA
pH ............................. 9.0 – 10.0 @ 1.0 %
MELTING POINT/FREEZING POINT.....NA
PARTITION COEFFICIENT: N-OCTANOL/WATER.........ND
BOILING POINT ..............NA
VAPOR PRESSURE ..........NA
VAPOR DENSITY ............NA
EVAPORATION RATE .........NA
FLAMMABILITY .............NA
FLASH POINT .................NA
INGINITION TEMP ........... NA
DECOMPOSITION TEMPERATURE...ND
UEL ............................NA
LEL ...........................NA
% VOLATILE: VALUE: ND UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS : None expected
CHEMICAL STABILITY .................... Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS.....CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID .......... Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION.....Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL- LD50 (INGESTION) ........ > 5,000 mg/l (RAT)
FISH, LCO................................................................. 60 mg/l (96 h, Leuciscus idus)
SKIN EFFECTS ..................................................... NON-IRRITANT (RABBIT)
EYE EFFECTS ....................................................... NON-IRRITANT (RABBIT EYE)
SENSITIZATION ..................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10%
BACTERIA TOXICITY: ND
COD: 1070 mg/g
AOX: 0.00%

13. DISPOSAL CONSIDERATIONS

PRODUCT: ........ 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312: Immediate (acute) health hazard No
         Delayed (chronic) health hazard No
         Fire hazard No
         Sudden Release of Pressure No
         Reactivity No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19\textsuperscript{th} Amendment of the Council Directive 76/769/EEC.

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

**16. OTHER INFORMATION**

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 11, 2010
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE VERMILLION
PRODUCT CODE NUMBER .. #611
CHEMICAL FAMILY .............. AZO
T.S.C.A. STATUS .................... COMPLIANCE
PRIMARY PRODUCT USE ...... TEXTILE MANUFACTURING
MANUFACTURED BY ........ RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

Harmful to aquatic life with long lasting effects. (Chronic Category 3)

PRIMARY ROUTE OF EXPOSURE

<table>
<thead>
<tr>
<th>INHALATION:</th>
<th>YES</th>
<th>SKIN ABSORPTION:</th>
<th>NO</th>
<th>INGESTION:</th>
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<tbody>
<tr>
<td>SKIN CONTACT:</td>
<td>YES</td>
<td>EYE CONTACT:</td>
<td>YES</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CARCINOGEN STATUS

IARC: NO  
NTP: NO  
OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

C.I. Acid Red 374 (6507-78-4) 80-90%: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The exact ingredient percentages and composition has been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING.

EYE CONTACT ............. Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

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.

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.

5. FIRE AND EXPLOSION DATA

FLASH POINT .............................. > 100 deg C

EXTINGUISHING MEDIA ............... CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

ADDITIONAL INFORMATION.......... Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

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.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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.
VENTILATION .............. Use local ventilation.
OTHER ......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ............... POWDER
COLOR ...................... RED
ODOR ................................ mild
ODOR THRESHOLD...........NA
SOLUBILITY IN WATER ....40 g/l @ 90C
BULK DENSITY ................. 400 – 600 kg/m3
VISCOSITY .......................NA
pH ......................................9.0 – 10.0 @ 1.0 %
MELTING POINT/FREEZING POINT.....NA
PARTITION COEFFICIENT: N-OCTANOL/WATER........ND
BOILING POINT .................NA
VAPOR PRESSURE ..............NA
VAPOR DENSITY ..........NA
EVAPORATION RATE ..........NA
FLAMMABILITY .............NA
FLASH POINT ......................NA
IGNITION TEMP ..............NA
DECOMPOSITION TEMPERATURE...ND
UEL .....................NA
LEL ..........................NA
%VOLATILE:  VALUE: ND  UNIT: %  COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS : None expected
CHEMICAL STABILITY ................. Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS.....CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID ............ Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION .... Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL- LD50 (INGESTION) ........ > 5,000 mg/l (RAT)
FISH, LCO................................................................. 60 mg/l (96 h, Leuciscus idus)
SKIN EFFECTS ....................................................... NON-IRRITANT (RABBIT)
EYE EFFECTS ....................................................... NON-IRRITANT (RABBIT EYE)
SENSITIZATION ....................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10%
BACTERIA TOXICITY: ND
COD: 1070 mg/g
AOX: 0.00%

13. DISPOSAL CONSIDERATIONS

PRODUCT:......... 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA312: Immediate (acute) health hazard No
Delayed (chronic) health hazard No
Fire hazard No
Sudden Release of Pressure No
Reactivity No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

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

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 11, 2010
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE LILAC
PRODUCT CODE NUMBER ..#612
CHEMICAL FAMILY ANTHRAQUINONE
T.S.C.A. STATUS .................... COMPLIANCE
PRIMARY PRODUCT USE... TEXTILE MANUFACTURING
MANUFACTURED BY....... RUPERT, GIBBON & SPIDER, INC.
                        1147 HEALDSBURG AVENUE
                        HEALDSBURG, CA 95448
                        PHONE: 800-442-0455
                        POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION:    YES          SKIN ABSORPTION:   NO          INGESTION:   NO
SKIN CONTACT:  YES          EYE CONTACT:     YES

CARCINOGEN STATUS

IARC:   NO          NTP:   NO          OSHA:   NO

HMIS: 110E

CHRONIC EFFECTS OF OVEREXPOSURE

Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition of the components have been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............ Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention.

SKIN CONTACT ........... Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

INGESTION ................. Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION ............... Remove to fresh air. If breathing is difficult give oxygen; if not breathing give artificial respiration. Get medical attention.

5. FIRE AND EXPLOSION DATA

FLASH POINT .......................... Not Applicable
EXTINGUISHING MEDIA .......... CO2, Dry Chemical Foam, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:
- As in any fire, wear self-contained breathing apparatus and full protective equipment.

ADDITIONAL INFORMATION....... Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:
- Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains.
- Contain liquids using absorbents. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice, handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION .......... Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION .......... Wear chemical resistant rubber gloves and long sleeved clothing.
RESPIRATORY PROTECTION .......... Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
VENTILATION ................. Use local ventilation.

OTHER .............................. Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ....................... POWDER
COLOR ................................. VIOLET
ODOR ................................. NONE
ODOR THRESHOLD............... NA
SOLUBILITY IN WATER .......... 15 g/l at 90 deg C
BULK DENSITY .................... NE
VISCOSITY ......................... NA
pH ...................................... 8.0 ( 10.0 g/l )
MELTING POINT/FREEZING POINT...... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER........NA
BOILING POINT ..................... NA
VAPOR PRESSURE ............... NA
VAPOR DENSITY ................. NA
EVAPORATION RATE ............ NA
FLAMMABILITY .................. NA
FLASH POINT ..................... NA
INGITION TEMP................... NA
DECOMPOSITION TEMPERATURE... NA
UEL ................................. NA
LEL ................................. NA

% VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY ....................... Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS ...... C02, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID ............ Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION ....... Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ........ > 5000 mg/kg (Rat)
FISH, LC50............................................................................... > 100 mg/l (96 h, Poecilia Reticulata)
EYE EFFECTS ................................................................. NON-IRRITANT (Rabbit)
SKIN EFFECTS ................................................................. NON-IRRITANT (Rabbit)
SENSITIZATION ............................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: <10 %
BACTERIA TOXICITY IC50: 10 -100 mg/l (72 h, scenedesmus subspicatus)
INVERTEBRATE TOXICITY EC 50: 10-100 mg/l (48 h, daphnia magna)
AOX: 0.00

13. DISPOSAL CONSIDERATIONS

PRODUCT:........... 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

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

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

SARA312: Immediate (acute) health hazard Yes
          Delayed (chronic) health hazard No
          Fire hazard No
          Sudden Release of Pressure No
          Reactivity No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

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

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 30, 2010
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................. JACQUARD ACID DYE PURPLE
PRODUCT CODE NUMBER .......... #613
CHEMICAL FAMILY ............... ANTHRAQUINONE
T.S.C.A. STATUS ................. COMPLIANCE
PRIMARY PRODUCT USE... TEXTILE MANUFACTURING
MANUFACTURED BY........ RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES SKIN ABSORPTION: NO INGESTION: NO
SKIN CONTACT: YES EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE
Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED
Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition of the components have been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............ Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention.

SKIN CONTACT .......... Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

INGESTION ................. Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION ............... Remove to fresh air. If breathing is difficult give oxygen; if not breathing give artificial respiration. Get medical attention.

5. FIRE AND EXPLOSION DATA

FLASH POINT ........................ Not Applicable
EXTINGUISHING MEDIA .............. C02 Dry Chemical Foam Water Fog
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:
   As in any fire, wear self-contained breathing apparatus and full protective equipment.
ADDITIONAL INFORMATION....... Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:
   Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbants. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice, handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION .......... Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION .......... Wear chemical resistant rubber gloves and long sleeved clothing.
RESPIRATORY PROTECTION .......... Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
VENTILATION .............. Use local ventilation.
OTHER ....................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ................. POWDER
COLOR ......................... VIOLET
ODOR ............................ NONE
ODOR THRESHOLD .......... NA
SOLUBILITY IN WATER ...... 15 g/1 at 90 deg C
BULK DENSITY .............. NE
VISCOSITY ..................... NA
pH ................................ 8.0 (10.0 g/1)
MELTING POINT/FREEZING POINT .... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER........ ND
BOILING POINT .............. NA
VAPOR PRESSURE ............ NA
VAPOR DENSITY .............. NA
EVAPORATION RATE .......... NA
FLAMMABILITY .............. NA
FLASH POINT ................. NA
INGNITION TEMP ............. NA
DECOMPOSITION TEMPERATURE.... ND
UEL ............................ NA
LEL ............................ NA
%VOLATILE: VALUE: 0.00 UNIT: % COMMENT: 

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY ...................... Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS...... C02, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID ............ Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION .... Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ....... > 5000 mg/kg (Rat)
FISH, LC50................................................................. > 100 mg/1 ( 96 h, Poecilia Reticulata)
EYE EFFECTS .......................................................... NON-IRRITANT (Rabbit)
SKIN EFFECTS .......................................................... NON-IRRITANT(Rabbit)
SENSITIZATION ......................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: <10 %
BACTERIA TOXICITY IC50: 10-100 mg/1 (72 h, scenedesmus subspicatus)
INVERTEBRATE TOXICITY EC 50 : 10-100 mg/1 (48 h, daphnia magna)
AOX: 0.00

13. DISPOSAL CONSIDERATIONS

PRODUCT:......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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA312: Immediate (acute) health hazard Yes
Delayed (chronic) health hazard No
Fire hazard No
Sudden Release of Pressure No
Reactivity No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

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

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 30, 2010
Revised: May 6, 2015
SAFETY DATA SHEET
PRINT DATE: 5/6/15

1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE VIOLET
PRODUCT CODE NUMBER ..#614
CHEMICAL FAMILY ANTHRAQUINONE
T.S.C.A. STATUS .................... COMPLIANCE
PRIMARY PRODUCT USE... TEXTILE MANUFACTURING
MANUFACTURED BY........ RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES  SKIN ABSORPTION: NO  INGESTION: NO
SKIN CONTACT: YES  EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO  NTP: NO  OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE
Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED
Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition of the components have been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............. Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention.

SKIN CONTACT .......... Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

INGESTION ................. Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION ............... Remove to fresh air. If breathing is difficult, give oxygen; if not breathing, give artificial respiration. Get medical attention.

5. FIRE AND EXPLOSION DATA

FLASH POINT .................................. Not Applicable

EXTINGUISHING MEDIA .......... CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

As in any fire, wear self-contained breathing apparatus and full protective equipment.

ADDITIONAL INFORMATION........ Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbants. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice, handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION ........ Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION ....... Wear chemical resistant rubber gloves and long sleeved clothing.

RESPIRATORY PROTECTION .......... Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATION ................. Use local ventilation.

OTHER ......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ................... POWDER
COLOR .................................. VIOLET
ODOR .................................. NONE
ODOR THRESHOLD ........ NA
SOLUBILITY IN WATER .......... 15 g/l at 90 deg C
BULK DENSITY ................. NE
VISCOSITY ......................... NA
pH ..................................... 8.0 (10.0 g/l)
MELTING POINT/FREEZING POINT .......... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER .......... ND
BOILING POINT ................. NA
VAPOR PRESSURE ............. NA
VAPOR DENSITY ............... NA
EVAPORATION RATE .......... NA
FLAMMABILITY ............... NA
FLASH POINT ...................... NA
INGNITION TEMP .............. NA
DECOMPOSITION TEMPERATURE .... ND
UEL .................................. NA
LEL .................................. NA
%VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY: Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS: C02, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION: Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ......< 5000 mg/kg (Rat)
FISH, LC50.................................................................> 100 mg/1 ( 96 h, Poecilia Reticulata)
EYE EFFECTS .................................................. NON-IRRITANT (Rabbit)
SKIN EFFECTS ...................................................... NON-IRRITANT(Rabbit)
SENSITIZATION .................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY:  <10 %
BACTERIA TOXICITY IC50:  10 -100 mg/1 ( 72 h, scenedesmus subspicatus)
INVERTEBRATE TOXICITY EC 50 : 10-100 mg/1 (48 h, daphnia magna)
AOX:  0.00

13. DISPOSAL CONSIDERATIONS

PRODUCT:.........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.

14. SHIPPING DATA

PROPER SHIPPING NAME:  NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE:  55

IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA312:  
Immediate (acute) health hazard  Yes
Delayed (chronic) health hazard  No
Fire hazard  No
Sudden Release of Pressure  No
Reactivity  No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

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

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 30, 2010
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE PERIWINKLE
PRODUCT CODE NUMBER ..#615
CHEMICAL FAMILY ANTHRAQUINONE
T.S.C.A. STATUS .................... COMPLIANCE
PRIMARY PRODUCT USE... TEXTILE MANUFACTURING
MANUFACTURED BY....... RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES  SKIN ABSORPTION: NO  INGESTION: NO
SKIN CONTACT: YES  EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO  NTP: NO  OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE

Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition of the components have been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............. Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention.

SKIN CONTACT .......... Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

INGESTION .................. Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION ............... Remove to fresh air. If breathing is difficult give oxygen; if not breathing give artificial respiration. Get medical attention.

5. FIRE AND EXPLOSION DATA

FLASH POINT .................................. Not Applicable
EXTINGUISHING MEDIA ............. C02, Dry Chemical Foam, Water Fog
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:
   As in any fire, wear self-contained breathing apparatus and full protective equipment.
ADDITIONAL INFORMATION....... Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:
    Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains.
    Contain liquids using absorbants. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice, handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION ......... Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION ........ Wear chemical resistant rubber gloves and long sleeved clothing.
RESPIRATORY PROTECTION ..........Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
VENTILATION .............. Use local ventilation.
OTHER .......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ................. POWDER
COLOR ................................ VIOLET
ODOR ..................................NONE
ODOR THRESHOLD..............NA
SOLUBILITY IN WATER .......15 g/1 at 90 deg C
BULK DENSITY .............. NE
VISCOSITY.......................NA
pH ..................................8.0 (10.0 g/1)
MELTING POINT/FREEZING POINT......NA
PARTITION COEFFICIENT: N-OCTANOL/WATER......ND
BOILING POINT ...............NA
VAPOR PRESSURE.............NA
VAPOR DENSITY.............NA
EVAPORATION RATE........NA
FLAMMABILITY ...............NA
FLASH POINT ....................NA
INGITION TEMP............. NA
DECOMPOSITION TEMPERATURE....ND
UEL.............................NA
LEL............................NA
%VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY....................Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS......CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID......... Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION....Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ....... > 5000 mg/kg (Rat)
FISH, LC50................................................................. > 100 mg/1 ( 96 h, Poecilia Reticulata)
EYE EFFECTS .......................................................... NON-IRRITANT (Rabbit)
SKIN EFFECTS .......................................................... NON-IRRITANT(Rabbit)
SENSITIZATION ...................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY:  <10 %
BACTERIA TOXICITY IC50:  10 -100 mg/1 ( 72 h, scenedesmus subspicatus)
INVERTEBRATE TOXICITY EC 50 : 10-100 mg/1 (48 h, daphnia magna)
AOX: 0.00

13. DISPOSAL CONSIDERATIONS

PRODUCT: 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA312:  
Immediate (acute) health hazard Yes
Delayed (chronic) health hazard No
Fire hazard No
Sudden Release of Pressure No
Reactivity No
This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

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

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: June 30, 2010
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE RUSSET
PRODUCT CODE NUMBER ..#616
CHEMICAL FAMILY .......... AZO
T.S.C.A. STATUS ................. COMPLIANCE
PRIMARY PRODUCT USE...... TEXTILE MANUFACTURING
MANUFACTURED BY......... RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES  SKIN ABSORPTION: NO  INGESTION: NO
SKIN CONTACT: YES  EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO  NTP: NO  OSHA: NO  ACGIH: NO

HMIS: 110E

CRONIC EFFECTS OF OXEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, or respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

None known per OSHA Hazard Communication Standard (29 CFR 1910.1200)

The exact ingredient percentages and composition has been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT ............. Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

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.

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.

5. FIRE AND EXPLOSION DATA

FLASH POINT ...................................Not Applicable

EXTINGUISHING MEDIA .......... CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

ADDITIONAL INFORMATION........Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

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.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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 .......... Inhilation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.
VENTILATION ............... Use local ventilation.
OTHER .......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ............... POWDER
COLOR .......................... RED
ODOR .......................... NONE
ODOR THRESHOLD ........... NA
SOLUBILITY IN WATER ...... 100 g/L (30 °C)
BULK DENSITY ................ ND
VISCOITY ....................... NA
pH ............................... 8.5-9.5 (1 g/L in water)
MELTING POINT/FREEZING POINT...... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER.... ND
BOILING POINT ................. NA
VAPOR PRESSURE ............... NA
VAPOR DENSITY ............... NA
EVAPORATION RATE ........... NA
FLAMMABILITY ............... NA
FLASH POINT ................... NA
IGNITION TEMP ................ NA
DECOMPOSITION TEMPERATURE.... ND
UEL ............................. NA
LEL ............................. NA
% VOLATILE: VALUE: 0.00 UNIT: %  COMMENT:
10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY: Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ....... >5000 mg/kg (RAT)
FISH, LC50 ................................................................. >100 mg/l ( 96 h, Poecilia reticulate p)
EYE EFFECTS .......................................................... NON IRRITANT (RABBIT EYE)
SKIN EFFECTS ......................................................... NON IRRITANT (RABBIT)
SENSITIZATION ....................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY IC50: > 100 mg/l (Inhibition of activated sludge).
AOX= 0.000%
HAPS= 0.000%

13. DISPOSAL CONSIDERATIONS

PRODUCT: 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED
15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.
SARA 312: Immediate (acute) health hazard Yes
Delayed (chronic) health hazard No
Fire hazard No
Sudden Release of Pressure No
Reactivity No

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

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

OTHER REGULATIONS: Labeling is not required in accordance with the EEC directives:

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: November 17, 2009
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE CHERRY RED
PRODUCT CODE NUMBER ..#617
CHEMICAL FAMILY .......... AZO
T.S.C.A. STATUS ............... COMPLIANCE
PRIMARY PRODUCT USE...... TEXTILE MANUFACTURING
MANUFACTURED BY ........ RUPERT, GIBBON & SPIDER, INC.

1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES  SKIN ABSORPTION: NO  INGESTION: NO
SKIN CONTACT: YES  EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO  NTP: NO  OSHA: NO

HMIS: 100E

EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. HAZARDOUS INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition has been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING
EYE CONTACT ............. Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

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.

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.

5. FIRE AND EXPLOSION DATA

FLASH POINT ...................................Not Applicable
EXTINGUISHING MEDIA ..............CO2 Dry Chemical Foam Water Fog
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

ADDITIONAL INFORMATION........Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:
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.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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.

VENTILATION ................. Use local ventilation.

OTHER ....................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE ............... POWDER
COLOR ......................... RED
ODOR .............................. NONE
ODOR THRESHOLD ........ NA
SOLUBILITY IN WATER ........ 25 g/l at 90 deg C
SPECIFIC GRAVITY ............. 0.9-1.0
VISCOSITY ...................... NA
pH .................................. 8.5 - 10.0 (1 g/l in water)
MELTING POINT/FREEZING POINT .... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER ...... ND
BOILING POINT ................. NA
VAPOR PRESSURE ............... NA
VAPOR DENSITY ............... NA
EVAPORATION RATE ............ NA
FLAMMABILITY .................. NA
FLASH POINT ...................... NA
INGNITION TEMP .............. NA
DECOMPOSITION TEMPERATURE .... ND
UEL ............................... NA
LEL ............................... NA
%VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS : None expected
CHEMICAL STABILITY ................. Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS...... CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID.......... Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION....Will not occur
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ........ > 5,000 mg/1 (RAT)
FISH, LC50................................................................. ND
EYE EFFECTS ............................................................... NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS ............................................................. NON-IRRITANT (RABBIT)
SENSITIZATION ......................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY:  ND
BACTERIA TOXICITY:  ND
COD:  ND
AOX POTENTIAL:  20.7%

13. DISPOSAL CONSIDERATIONS

PRODUCT:...........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.

14. SHIPPING DATA

PROPER SHIPPING NAME:  NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION:  NOT REGULATED
FRT. CLASS PACKAGE:  55

IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CPR 372.
SARA 312:  
- Immediate (acute) health hazard  Yes
- Delayed (chronic) health hazard  No
- Fire hazard  No
- Sudden Release of Pressure  No
- Reactivity  No

OTHER REGULATIONS:  Labeling is 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 76/769/EEC.
CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: October 5, 2009
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE Fire Red
PRODUCT CODE NUMBER ..#618
CHEMICAL FAMILY ........... AZO
T.S.C.A. STATUS .................. COMPLIANCE
PRIMARY PRODUCT USE...... TEXTILE MANUFACTURING
MANUFACTURED BY......... RUPERT, GIBBON & SPIDER, INC.
1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

| INHALATION: | YES | SKIN ABSORPTION: | NO | INGESTION: | NO |
| SKIN CONTACT: | YES | EYE CONTACT: | YES |

CARCINOGEN STATUS

| IARC: | NO |
| NTP: | NO |
| OSHA: | NO |
| ACGIH: | NO |

HMIS: 110E

CRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, or respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. **HAZARDOUS INGREDIENTS**

None known per OSHA Hazard Communication Standard (29 CFR 1910.1200)

The exact ingredient percentages and composition has been withheld as a trade secret.

4. **EMERGENCY AND FIRST AID PROCEDURES**

**GENERAL INFORMATION:** IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

**EYE CONTACT ...........** Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

**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.

**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.

5. **FIRE AND EXPLOSION DATA**

**FLASH POINT .....................** Not Applicable

**EXTINGUISHING MEDIA ..........** CO2 Dry Chemical Foam Water Fog

**SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

**ADDITIONAL INFORMATION****** Avoid dusting conditions. May form explosive dust mixtures with air.

6. **SPILL OR LEAK PROCEDURES**

**IN CASE MATERIAL IS RELEASED/SPILLED:**

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.

7. **SPECIAL PRECAUTIONS AND STORAGE DATA**

**SAFE HANDLING:** In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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.
VENTILATION ................. Use local ventilation.
OTHER ......................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE .................... POWDER
COLOR ........................RED
ODOR ............................NONE
ODOR THRESHOLD..............NA
SOLUBILITY IN WATER .......100 g/l (30 C)
BULK DENSITY ............... ND
VISCOITY ...................... NA
pH ................................8.5-9.5 (1 g/1 in water)
MELTING POINT/FREEZING POINT......NA
PARTITION COEFFICIENT: N-OCTANOL/WATER.......ND
BOILING POINT .............. NA
VAPOR PRESSURE .............. NA
VAPOR DENSITY ............... NA
EVAPORATION RATE ........... NA
FLAMMABILITY ................ NA
FLASH POINT ................... NA
IGNITION TEMP ................ NA
DECOMPOSITION TEMPERATURE....ND
UEL ............................. NA
LEL ............................. NA
% VOLATILE: VALUE: 0.00 UNIT: % COMMENT:
10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY: Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) .......... >5000 mg/kg (RAT)
FISH, LC50 ........................................................................ >100 mg/l (96 h, Poecilia reticulate p)
EYE EFFECTS ............................................................... NON IRRITANT (RABBIT EYE)
SKIN EFFECTS ............................................................... NON IRRITANT (RABBIT)
SENSITIZATION ............................................................. NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY IC50: > 100 mg/l (Inhibition of activated sludge).
AOX= 0.000%
HAPS= 0.000%

13. DISPOSAL CONSIDERATIONS

PRODUCT: 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED
15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.
SARA 312:
- Immediate (acute) health hazard: Yes
- Delayed (chronic) health hazard: No
- Fire hazard: No
- Sudden Release of Pressure: No
- Reactivity: No

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

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

OTHER REGULATIONS: Labeling is not required in accordance with the EEC directives:

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: November 17, 2009
Revised: May 6, 2015
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................... JACQUARD ACID DYE CRIMSON
PRODUCT CODE NUMBER ..#619
CHEMICAL FAMILY .......... AZO
T.S.C.A. STATUS ............COMPLIANCE
PRIMARY PRODUCT USE......TEXTILE MANUFACTURING
MANUFACTURED BY......... RUPERT, GIBBON & SPIDER, INC.

1147 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
PHONE: 800-442-0455
POISON CONTROL: 800-222-1222

2. HAZARDS IDENTIFICATION

This product does not contain any categorized hazards.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES   SKIN ABSORPTION: NO   INGESTION: NO
SKIN CONTACT: YES   EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO   NTP: NO   OSHA: NO   ACGIH: NO

HMIS: 110E

CRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, or respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.
3. **HAZARDOUS INGREDIENTS**

None known per OSHA Hazard Communication Standard (29 CFR 1910.1200)

The exact ingredient percentages and composition has been withheld as a trade secret.

4. **EMERGENCY AND FIRST AID PROCEDURES**

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT .......... Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

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.

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.

5. **FIRE AND EXPLOSION DATA**

FLASH POINT .................................. Not Applicable

EXTINGUISHING MEDIA .......... C02, Dry Chemical Foam, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR 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.

ADDITIONAL INFORMATION........... Avoid dusting conditions. May form explosive dust mixtures with air.

6. **SPILL OR LEAK PROCEDURES**

IN CASE MATERIAL IS RELEASED/SPILLED:

- 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.

7. **SPECIAL PRECAUTIONS AND STORAGE DATA**

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.
8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:
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.
VENTILATION ............... Use local ventilation.
OTHER ....................... Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE .................. POWDER
COLOR ................................ RED
ODOR .................................. NONE
ODOR THRESHOLD .............. NA
SOLUBILITY IN WATER .......... 100 g/L (30°C)
BULK DENSITY .................. ND
VISCOITY ........................ NA
pH ..................................... 8.5-9.5 (1 g/1 in water)
MELTING POINT/FREEZING POINT ...... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER....... ND
BOILING POINT ................. NA
VAPOR PRESSURE ............... NA
VAPOR DENSITY ................. NA
EVAPORATION RATE ........... NA
FLAMMABILITY .................. NA
FLASH POINT ................... NA
INIGNITION TEMP .............. NA
DECOMPOSITION TEMPERATURE .... ND
UEL ..................................... NA
LEL ................................. NA
% VOLATILE: VALUE: 0.00 UNIT: % COMMENT:
10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY: Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS: CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD₅₀ (INGESTION) .......... >5000 mg/kg (RAT)
FISH, LC₅₀ ................................................................. >100 mg/l (96 h, Poecilia reticulate p)
EYE EFFECTS .......................................................... NON IRRITANT (RABBIT EYE)
SKIN EFFECTS .......................................................... NON IRRITANT (RABBIT)
SENSITIZATION ........................................................ NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY IC₅₀: > 100 mg/l (Inhibition of activated sludge).
AOX= 0.000%
HAPS= 0.000%

13. DISPOSAL CONSIDERATIONS

PRODUCT: 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.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED
15. REGULATORY DATA

US REGULATIONS:
TSCA: The components of this product are listed on the TSCA Inventory
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.
SARA 312:  Immediate (acute) health hazard Yes
            Delayed (chronic) health hazard No
            Fire hazard No
            Sudden Release of Pressure No
            Reactivity No

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

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

OTHER REGULATIONS: Labeling is not required in accordance with the EEC directives:

16. OTHER INFORMATION

Rupert, Gibbon & Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. Rupert, Gibbon & Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon & Spider, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Created: November 17, 2009
Revised: May 6, 2015