

# SAFETY DATA SHEET (SDS)



Jacquard Products  
Manufactured by Rupert, Gibbon & Spider, Inc.  
P.O. Box 425 | Healdsburg, CA 95448  
800.442.0455 | Fax: 707.433.4906  
www.jacquardproducts.com

**Revision Date: 04/7/2021**

This SDS Sheet covers the following Jacquard products:

Item Number:	Item Name:
JAC9201	Color Magnet Dye Kit (green & purple base colors)

These products contain the following components:

Item Number:	Item Name:	SDS Page Reference:
CHM3910	Color Magnet Pen	Color Magnet Pen Pages 1-5
JID1421	Color Magnet Base Dye Green	Color Magnet Base Dye Green Pages 1-5
JID1416	Color Magnet Base Dye Purple	Color Magnet Base Dye Purple Pages 1-6

SAFETY DATA SHEET  
Date-Revised: 10/05/2016



## Color Magnet -Pen CHM3910

### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Color Magnet  
PRODUCT DESCRIPTION: Yellow liquid  
PRODUCT FORMULATION NAME: Color Magnet  
RECOMMENDED USE: Dye attractant - use with dyes to create two-tone effects on fabric

#### MANUFACTURER

Rupert, Gibbon, & Spider, Inc.  
1147 Healdsburg Ave.  
Healdsburg CA 95448  
800-442-0455  
service@jacquardproducts.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300  
International CHEMTREC, call: 1-703-527-3887  
For non-emergency assistance, call: 800-442-0455

### 2. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

EYES: Expected to cause significant irritation to the eyes.

SKIN: Could cause irritation and discomfort.

INHALATION: If inhaled remove himself/her-self to fresh air.

IRRITANCY: May cause mild skin irritation, serious eye irritation, Causes systemic toxicity and damages to respiratory system through prolonged or repeated exposure.

PHYSICAL HAZARDS: Do not eat, drink when using this product. Do not breathe dust/ fumes/gas/ mist/ vapors/ or spray of this product.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	%
COPOLYMER OF ACRYLAMIDE/ACRYLONITRILE/ N2-VINYLLACRYLAMIDINE-HCL(1/1)/ N- VINYLACRYLAMIDE/ VINYLAMINE-HCL(1/1)/ N-VINYLFORMAMIDE (ABBREVIATION:PVFY)	169874-00-4	.5%

### 4. FIRST AID MEASURES

EYES: Remove contact lenses if worn. Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention.

SKIN: Immediately flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing or shoes before re-use.

INGESTION: Immediately induce vomiting! Give the person one or two glasses of water. Contact local poison control center or physician immediately. When vomiting occurs, keep head to side. Call a doctor immediately.

INHALATION: Seek medical advice/attention in the event of any abnormalities.

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder.

FIRE FIGHTING EQUIPMENT: Safety eye protection, rubber safety gloves and respiratory protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe the affected area and collect spilled material. Wash the affected area with water.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate PPE such as respiratory, safety glasses, rubber safety gloves and appropriate clothing to avoid absorption through skin, contact with eyes or inhalation, if product is being used in large volumes.

## 7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep areas where product is being stored or handled well ventilated. Practice good house keeping.

HANDLING: Avoid breathing, mist or vapor, work in a well-ventilated, or extracted area. Avoid contact with skin and eyes.

STORAGE: Store in tightly closed containers. Store in area that is cool, dark and dry.

STORAGE TEMPERATURE: Avoid storage in direct sunlight and high temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation is normally required when handling or using this material.-- If vapor, or mist is generated, provide local exhaust ventilation to prevent airborne exposure.

### PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

SKIN: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing and protective apron.

PROTECTIVE CLOTHING: Gloves, coveralls, apron and boots - as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Yellow

ODOR: Distinctive odor

APPEARANCE: Yellow liquid

COLOR: Yellowish

SOLUBILITY IN WATER: Soluble in water; transforms to a highly viscous solution or gel state.

SPECIFIC GRAVITY: bulk specific gravity: 0.6~0.65g/ ml

VISCOSITY: Approximately 50-500 cps

## 10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: This product is stable under ordinary conditions of use and storage.

POLYMERIZATION: Polymer Exempt

CONDITIONS TO AVOID: - Heat.- Water.

COMMENTS: Hazardous hydrochloric acid gas is formed but no cloud of cyanide fume is formed by the general combustion in the air.

Hazardous cloud of cyanide fume is formed by heating under an inert gas atmosphere of partial combustion.

## 11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material is expected to cause significant irritation to the eyes.

SKIN EFFECTS: Skin contact - May cause skin irritation; Skin Absorption: May be harmful if absorbed through skin.

## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Acute aquatic toxicity: Fish Species *Oryzias latipes* LC50 (48hours) fresh-water 0.73mg/L 19), seawater 0.98mg/ L17)

Chronic aquatic toxicity: Degradability: not degradable 15) Bioaccumulation potential: *Cyprinus carpio* Low accumulation potential 16) Others: Seeding assay for *Brassica rapa* var. *peruviridis*(Komatsuna)

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate in small quantities using an incinerator equipped with an exhaust gas treatment facility to prevent formation of hydrochloric acid gas during combustion of cyanide fume formation from partial combustion. (Incinerate used containers and bags used for packaging) Or, commission to registered contractor based on appropriate regulations. Avoid mixing with other chemicals.

Dispose of material in accordance with local chemical disposal regulations.

## 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Although this material is considered a Marine Pollutant in Japan we do not have any data to support its classification as such under U.N. Regulations or U.S. D. O. T. regulations.\*

AIR (ICAO/IATA) UN/NA NUMBER: 3077

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: 3

NOTE: Environmentally Hazardous Substance, Solid N.O.S.

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally Hazardous Substances, Solids, N.O.S.

NOTE: Precautions:

Exposure to water is strictly prohibited.\*

When transporting, handle with care and prevent fall, damage and collapse of cargo.

UN classification: 9 / UN reference # 3077\*

Proper Shipping Name: Environmentally hazardous substance, solid, N.O.S.\*

Category of Package in UN:III\*

First aid guidance number: 171

Packaging Method: Paper bag (interior: polyethylene, exterior: paper, polyethylene, paper laminate)

\*See above statement under "OTHER SHIPPING INFORMATION:"

## 15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All functional components of this product are listed on the TSCA inventory.

## 16. OTHER INFORMATION

REASON FOR ISSUE: Revision

TITLE: Product Stewardship Manager

INFORMATION CONTACT: Product Stewardship Analyst

REVISION SUMMARY: Revision #: 6. This SDS replaces the January 19, 2011 SDS.

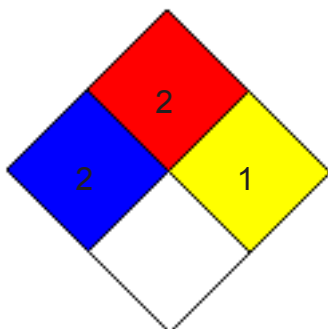
Any changes in information are as follows: In Section 14: Air (IATA /ICAO)

- Primary Hazard Class/Division, Air (IATA/ICAO) - Packing Group,

Air (IATA /ICAO) - UN/NA Number, Air (IATA /ICAO) -

Note. In Section 15: TSCA Status.

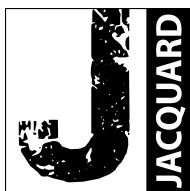
NFPA CODES



## GENERAL STATEMENTS:

These data are offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

**MANUFACTURER DISCLAIMER:** Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.



# SAFETY DATA SHEET

ISSUE DATE: 4/7/21

## 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... COLOR MAGNET BASE COLOR GREEN  
PRODUCT CODE NUMBER JID1421  
CHEMICAL FAMILY ..... AZO DYE MIXTURE  
T.S.C.A. STATUS ..... COMPLIANCE  
RECOMMENDED PRODUCT USE.....DYE FOR NATURAL FABRICS  
RESTRICTED PRODUCT USE....NONE KNOWN  
MANUFACTURED BY..... **Twr gt v.'I kddqp'('Ur kf gt.'Kpe0**  
3369"J gcrf udwti 'C xg0"J gcrf udwti .'EC"; 766:  
3/: 22/664/2677"t929/655/; 799  
Go gti gpe{'P wo dgt<Ej go Vgn"Kpe0/"Eqptcev%O KJ; 34: 566  
P0Co gtlec<3/: 22/477/5; 46"tKpvtpcvqpcn<3/: 35/46: /27: 7

## 2. HAZARDS IDENTIFICATION

**GHS Classification:** Health Category 2B- Eye Irritant  
Health Category 5-Oral Toxicity

**Pictogram:** NONE

**Signal Word:** Warning

**Hazard Statements:** H320: Causes Eye Irritation  
H303: May be Harmful if Swallowed

### Precautionary Statements:

**P264:** Wash face, hands, and any exposed skin thoroughly after handling.  
**P280:** Wear protective gloves/ protective clothing/eye protection/face protection  
**P270:** Do not eat, drink, or smoke when using this product.  
**P260:** Do not breath dust/fume/gas/mist/vapors/spray  
**P501:** Dispose of contents/container in accordance with local/regional/international regulations  
**P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P337 + P313** If eye irritation persists: Get medical advice/attention.  
**P302 + P352** IF ON SKIN: Wash with plenty of soap and water for 15 minutes .  
**P332 + P313** If skin irritation occurs: Get medical advice/attention.  
**P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
**P304 + P340** IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

### **3. COMPOSITION/INFORMATIONS ON INGREDIENTS**

Direct Blue 293 (142106-29-4 ) 10 - 15 % May be harmful if swallowed

Direct Yellow 142 (1325-54-8 ) 40 - 50 % May be harmful If swallowed. Causes eye irritation.

Sodium Sulfate ( 7757-82-6) 30 - 40 %

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

### **4. FIRST-AID MEASURES**

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

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

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.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

### **5. FIREFIGHTING MEASURES**

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. ACCIDENTAL RELEASE MEASURES**

### **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. HANDLING AND STORAGE**

### **PRECAUTIONS FOR SAFE HANDLING**

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

### **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see Section 10)..

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **APPROPRIATE ENGINEERING CONTROLS:**

Handle with good industrial practices and industrial hygiene. Wash hands after use.

### **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 AND CHEMICAL PROPERTIES**

APPEARANCE ..... POWDER  
COLOR ..... GREEN  
ODOR ..... NONE  
ODOR THRESHOLD.....NA  
SOLUBILITY IN WATER ..... 70.0 – 80.0 g/l @ 80 C  
BULK DENSITY ..... ND  
RELATIVE DENSITY.....NA  
VISCOSITY.....NA  
pH ..... 7.0 - 9.0 @ 10 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.....ND  
INGINITION TEMP ..... ND  
DECOMPOSITION TEMPERATURE....ND  
UEL.....NA  
LEL.....NA  
% VOLATILE:                   VALUE: ND                   UNIT: %                   COMMENT:

## **10. STABILITY AND REACTIVITY**

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
POSSIBILITY OF HAZARDOUS REACTIONS : None expected  
CHEMICAL STABILITY .....Stable  
INCOMPATIBLE MATERIALS: None  
HAZARDOUS DECOMPOSITION PRODUCTS.....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES  
CONDITIONS TO AVOID.....Avoid dusting conditions. In the case of dusty organic products the possibility of a dust explosion should always be considered.  
REACTIVITY....Will not occur

## **11. TOXICOLOGICAL INFORMATION**

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....> 2,000 mg/kg  
EYE EFFECTS.....SLIGHT-IRRITANT (RABBIT EYE)  
SKIN EFFECTS .....NON-IRRITANT( RABBIT)  
SENSITIZATION .....NOT EXPECTED

## **12. ECOLOGICAL INFORMATION**

FISH, LC50 >100 mg/l (48 h, *Oncorhynchus mykiss*)  
BIODEGRADABILITY: 50 – 100 %  
BACTERIA TOXICITY: ND  
AOX: ND

**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.  
RCRA HAZARDOUS WASTE.....No..Not as Sold

**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

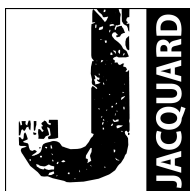
This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> Amendment of the Council Directive 76/769/EEC.

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

**16. OTHER INFORMATION**

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.

MSDS Created: November 21, 2012  
MSDS Revised: April 7, 2021



# SAFETY DATA SHEET

ISSUE DATE: 4/7/21

## 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... COLOR MAGNET BASE DYE PURPLE  
PRODUCT CODE NUMBER JID1416  
CHEMICAL FAMILY ..... AZO DYE MIXTURE  
T.S.C.A. STATUS ..... COMPLIANCE  
RECOMMENDED PRODUCT USE.....DYE FOR NATURAL FABRICS  
RESTRICTED PRODUCT USE....NONE KNOWN  
MANUFACTURED BY..... **Twr gt v.'I kddqp'('Ur kf gt.'Kpe0**  
3369"J gcrf udwti 'C xg0"J gcrf udwti . 'EC"; 766:  
3/: 22/664/2677"t929/655/; 799  
Go gti gpe{ 'P wo dgt<Ej go Vgn"Kpe0/"Eqptcev%O KJ; 34: 566  
P0Co gtlec<3/: 22/477/5; 46"TKpvtpcvqpcn<3/: 35/46: /27: 7

## 2. HAZARDS IDENTIFICATION

**GHS Classification: Health Category 5-Oral Acute Toxicity**

**Pictogram: NONE**

**Signal Word: Warning**

**Hazard Statements: H303: May be Harmful if Swallowed**

### **Precautionary Statements:**

**P264: Wash face, hands, and any exposed skin thoroughly after handling.**

**P280: Wear protective gloves/ protective clothing/eye protection/face protection**

**P270: Do not eat, drink, or smoke when using this product.**

**P260: Do not breath dust/fume/gas/mist/vapors/spray**

**P273: Avoid release to the environment**

**P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

**P337 + P313 If eye irritation persists: Get medical advice/attention.**

**P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes .**

**p332 + P313 If skin irritation occurs: Get medical advice/attention.**

**P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.**

**P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.**

### **3. INGREDIENTS:**

Direct Blue 293 (142106-29-4) 10 - 15 % May be harmful if swallowed.

Direct Red 243 (86543-85-3) 20 - 30 % May be harmful if swallowed.

Direct Violet 66 ( 6798-03-4) 10 - 20 % Non-Hazardous

Sodium Sulfate ( 7757-82-6) 30 - 40 %

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

### **4. FIRST-AID MEASURES**

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

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

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.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

### **5. FIREFIGHTING MEASURES**

FLASH POINT ..... Not Applicable

EXTINGUISHING MEDIA ..... CO<sub>2</sub>, 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. ACCIDENTAL RELEASE MEASURES**

**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. HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

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

**CONDITIONS FOR SAFE STORAGE,INCLUDING ANY INCOMPATIBILITIES**

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area. Keep the container tightly sealed and away from any incompatible materials (see Section 10)..

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**APPROPRIATE ENGINEERING CONTROLS:**

Handle with good industrial practices and industrial hygiene. Wash hands after use.

**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 AND CHEMICAL PROPERTIES

APPEARANCE ..... POWDER  
COLOR ..... PURPLE  
ODOR ..... NONE  
ODOR THRESHOLD.....NA  
SOLUBILITY IN WATER ..... 50 – 70 g/l @ 50 C  
BULK DENSITY ..... ND  
RELATIVE DENSITY.....NA  
VISCOSITY.....NA  
pH ..... 8.5 - 9.5  
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.....ND  
INGINITION TEMP ..... ND  
DECOMPOSITION TEMPERATURE....ND  
UEL.....NA  
LEL.....NA  
% VOLATILE:                   VALUE: 0.00                   UNIT: %                   COMMENT:

## 10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
POSSIBILITY OF HAZARDOUS REACTIONS : None expected  
CHEMICAL STABILITY.....Stable  
INCOMPATIBLE MATERIALS: None  
HAZARDOUS DECOMPOSITION PRODUCTS.....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES  
CONDITIONS TO AVOID.....Avoid dusting conditions. In the case of dusty organic products the possibility of a dust explosion should always be considered.  
REACTIVITY....Will not occur

## **11. TOXICOLOGICAL INFORMATION**

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....>4000 mg/l (rat)  
EYE EFFECTS.....NON- IRRITANT (RABBIT EYE)  
SKIN EFFECTS .....NON-IRRITANT (RABBIT)  
SENSITIZATION..... NOT EXPECTED

### 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

### CRONIC 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.

## **12. ECOLOGICAL INFORMATION**

FISH, LC50	> 100 mg/l (48 h Oncornyhchus mykiss)
BIODEGRADABILITY:	20 - 30 % (28 d DOC)
COD:	ND
BACTERIA TOXICITY:	> 100 mg/l (3 h, Inhibition of activated sludge)
AOX:	ND

## **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.

RCRA HAZARDOUS WASTE.....No..Not as Sold



**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 subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

Copper Compound	37.7 %
Copper (7440-50-8)	2.09 %

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 19<sup>th</sup> 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**

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.

MSDS Created: August 29, 2012

MSDS Revised: April 7, 2021