



ISSUE DATE: 1/13/17

**1. PRODUCT IDENTIFICATION**

PRODUCT NAME ..... BASIC DYE MALACHITE  
PRODUCT CODE NUMBER... 019  
CHEMICAL FAMILY ..... TRIPHENYLMETHANE DYESTUFF  
T.S.C.A. STATUS ..... IN COMPLIANCE RECOMENED  
PRODUCT USE..... SUBSTRATE DYEING  
RESTRICTED PRODUCT USE...FOR INDUSTRIAL USE ONLY

MANUFACTURED BY

Rupert, Gibbon & Spider, Inc.  
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800-442-0455

EMERGENCY PHONE NUMBER

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**

**GHS Classification:**    **Health Category 2A- Eye Irritant**  
                                  **Health Category 2-Skin Irritant**  
                                  **Health Category 4-Oral Toxicity**  
                                  **Environmental Category 2- Chronic Aquatic Toxicity**



**Pictogram:**

**Signal Word:**            **Warning**

**Hazard Statements:**    **H315: Causes Skin Irritation**  
                                  **H319: Causes Serious Eye Irritation**  
                                  **H411: Toxic to Aquatic Life with Long-Lasting Effects**  
                                  **H302: 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. COMPOSITION/INFORMATIONS ON INGREDIENTS**

Proprietary Basic Green Eye and skin irritant. Harmful if swallowed. Toxic to aquatic life

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

**4. FIRST-AID MEASURES**

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. FIREFIGHTING MEASURES**

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. ACCIDENTAL RELEASE MEASURES**

### 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. HANDLING AND STORAGE**

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

## **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 ..... 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 AND CHEMICAL PROPERTIES**

APPEARANCE ..... CRYSTALLINE SOLID  
COLOR ..... GREEN  
ODOR ..... NONE  
ODOR THRESHOLD.....NA  
SOLUBILITY IN WATER ..... 50 g/l ( 20 C )  
BULK DENSITY ..... ND  
RELATIVE DENSITY.....NA  
VISCOSITY.....NA  
pH ..... 2.0 @ 20.0 g/l  
MELTING POINT/FREEZING POINT.....NA  
PARTITION COEFFICIENT: N-OCTANOL/WATER.....ND  
BOILING POINT.....NA  
VAPOR PRESSURE.....NA  
EVAPORATION RATE.....NA  
FLAMMABILITY.....NA  
FLASH POINT.....NA  
AUTO-IGNITION TEMP ..... NA  
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 In the case of dusty organic products the possibility of a dust explosion should always be considered.

CHEMICAL STABILITY.....Stable

INCOMPATIBLE MATERIALS: None

HAZARDOUS DECOMPOSITION PRODUCTS.....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES

CONDITIONS TO AVOID.....Avoid dusting conditions and sparks/flame.

REACTIVITY....Will not occur

**11. TOXICOLOGICAL INFORMATION**

ANIMAL TOXICITY ORAL - LD50 (INGESTION)..... < 1000 mg/kg (RAT)

FISH, LC50 ..... 0 -10 mg/l (96 hour)

EYE EFFECTS .....IRRITANT ( component based)

SKIN EFFECTS .....NON-IRRITANT ( component based)

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      ACGIH: NO      HMIS: 2 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.

**12. ECOLOGICAL INFORMATION**

BIODEGRADABILITY: ND

BACTERIA TOXICITY: ND

AOX: 0.00 %

COD: 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.

### **14. TRANSPORT INFORMATION**

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.

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.

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