



01288-5810

**SAFETY DATA SHEET****ISSUE DATE: 4/26/23****REVISION DATE: 3/11/24****1. PRODUCT IDENTIFICATION****PRODUCT NAME:** Jacquard Acid Dye Aqua Tropic**PRODUCT CODE NUMBER:** 647**CHEMICAL FAMILY:** Azo, Triphenylmethane**T.S.C.A. STATUS:** Complies**RECOMMENDED PRODUCT USE:** Textile Dyeing**MANUFACTURED BY:**

Jacquard Products

Manufactured by Rupert, Gibbon &amp; Spider, Inc.

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**EMERGENCY PHONE NUMBER:** Chemtrec 1-800-424-9300**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

Health Category 3: Chronic aquatic toxicity

**SIGNAL WORD:** None**HAZARD PICTOGRAM:** None**HAZARD STATEMENT:**

Harmful to Aquatic Life with Long-Lasting Effects

**PRECAUTIONARY STATEMENTS:**

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

Wear protective gloves/protective clothing/eye protection/face protection.

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

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear respiratory protection

Obtain special instructions before use

Avoid release into the environment

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

If eye irritation persists: Get medical advice/attention.

**IF ON SKIN:** Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.Call a **POISON CENTER** or doctor/physician if you feel unwell.**3. COMPOSITION/INFORMATION ON INGREDIENTS**Proprietary Triphenylmethane Dye: Harmful to aquatic organisms.

Proprietary Azo Dye: Harmful to aquatic organisms.

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

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

**General advice:** 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 remains. 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.

**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.

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

#### **5. FIREFIGHTING MEASURES**

**Flash Point:** N/A

**Suitable extinguishing media:** CO2 Dry Chemical Foam Water Fog

**Special firefighting 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. Avoid dusting conditions. May form explosive dust mixtures with air.

#### **6. ACCIDENTAL RELEASE MEASURES**

**If 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.

#### **7. HANDLING AND STORAGE**

**Precautions for safe handling:** In accord with good industrial practice. Handle with care and avoid personal contact

**Storage conditions:** 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

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

**Engineering measures:** Handle with good industrial practices and industrial hygiene. Wash hands after use.

**Eye/face protection:** Safety glasses with side-shields

**Skin and body protection:** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole-body suit as appropriate

**Respiratory protection:** Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Solid

**Appearance:** Powder

**Color:** Green

**Odor:** None

**Odor threshold:** N/A

**Solubility in Water:** 11 g/l, 25C

**Bulk Density:** N/D

**Relative Density:** N/D

**pH:** 7.0 – 7.5 @ 1.0 % in water 20C

**Melting/freezing point:** N/A

**Partition Coefficient:** N-Octanol and water, N/D

**Boiling Point:** N/A  
**Evaporation rate:** N/A  
**Flammability:** N/A  
**Vapor pressure:** N/A  
**Vapor density:** N/A  
**Solubility in other solvents:** N/A  
**Autoignition temperature:** N/A  
**Decomposition temperature:** N/A  
**Viscosity, kinetic:** N/A  
**Viscosity, dynamic:** N/A  
**Explosive properties:** N/A  
**Oxidizing properties:** N/A  
**Volatile organic compounds:** None

#### **10. STABILITY AND REACTIVITY**

**Thermal Decomposition:** None when handled correctly  
**Reactivity:** In the case of dusty organic products the possibility of a dust explosion should always be considered  
**Chemical stability:** Stable  
**Possibility of hazardous reactions:** None under normal processing  
**Conditions to avoid:** Dust formation. Take precautionary measures against static discharges.  
**Incompatible materials:** None known based on information supplied.  
**Hazardous decomposition products:** CO<sub>2</sub>, CO, Sulfur Oxides, Nitrogen Oxides

#### **11. TOXOLOGICAL INFORMATION**

**Animal Toxicity Oral, LD<sub>50</sub> (Ingestion):** > 5000 mg/kg in rats  
**Fish, LC<sub>50</sub>:** 10 – 100 mg/l ( 48 hour Rainbow Trout)  
**Eye Effects:** Non-irritant in rabbit eye  
**Skin Effects:** Non-irritant in rabbit  
**Sensitization:** Not a sensitizer  
**Information on toxicological effects:**  
**Primary route of exposure:** Inhalation, skin contact, eye contact  
**HMIS:** 1 0 0 E  
**Skin corrosion/irritation:** irritating to skin.  
**Eye damage/irritation:** irritating to eyes.  
**Respiratory or skin sensitization:** no information available  
**Germ cell mutagenicity:** None known  
**Carcinogenicity:** Contains no ingredient listed as a carcinogen  
**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:** < 10 %  
**COD:** N/D  
**Bacteria Toxicity:** N/D  
**AOX:** 11.6%

#### **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state, and local regulations. 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 (C,P):** Non-hazardous

**IMDS:** Non-hazardous

## **15. REGULATORY DATA**

### **International:**

**TSCA:** Components are listed on the TSCA Inventory

### **U.S. Federal regulations:**

**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: Yes

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**

Important: While the descriptions, designs, data and Information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data Information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Rupert, Gibbon & Spider Inc. Hereunder are given gratis and Rupert, Gibbon & Spider Inc. assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given at no charge and accepted at your risk.