



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** CIBACRON TURQUOISE MI-700  
**MSDS ID:** 1895179  
**Approved for Sale:** USA Only  
**Chemical Family:** Phthalocyanine Dye  
**Product Use:** For Printing Cellulosic Fibers  
**OSHA/WHMIS Hazardous Substance:** No  
**WHMIS Hazard Class:** Not Applicable  
**HMIS Rating:** *Health:* 1\* *Flammability:* 1 *Reactivity:* 0 *Protective Equipment:* D

Ciba Specialty Chemicals

**Emergency Telephone:** 1-800-873-1138

4050 Premier Drive  
High Point, North Carolina 27265

**Revision Date:** 10/08/1999  
**Sections Revised:** New Product  
**Prepared by:** Product Stewardship Team

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### *Hazardous Ingredients:*

Propylene glycol 15 - 25%  
57-55-6

**OSHA PEL (mg/m3):** Not established  
**ACGIH TLV (mg/m3):** Not established  
**NTP Carcinogen:** Not Listed  
**IARC Carcinogen:** Not Listed  
**Dermal Toxicity:** (Rabbit) LD50 = 20,800 mg/kg  
**Ingestion Toxicity:** (Rat) LD50 = 20,000 mg/kg  
**Inhalation Toxicity:** Not evaluated

### 3. HAZARDS IDENTIFICATION

**Primary Route(s) of Exposure:** Inhalation and dermal

**Effects of Overexposure:** The reactive dye in this product has not been shown to cause allergic respiratory reactions in workers. However, since certain other reactive dyes have caused allergic reactions, a physician should be called if a worker experiences symptoms such as skin rash, puffiness around eyes, nasal symptoms (itchy, runny or blocked nose), lower respiratory symptoms (wheezing, chest tightness, difficulty in breathing or asthmatic attacks), dizziness or fainting. Persons allergic to reactive dyes should avoid exposure to them.

### 4. FIRST AID MEASURES

**First Aid for Eyes:** Flush eye with water for at least 15 minutes. Get medical attention.

**First Aid for Skin:** Wash with mild soap and water. If irritation occurs get medical attention. If clothing is contaminated, remove and wash before reuse.

**First Aid for Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician

**First Aid for Ingestion:** If conscious, give plenty of water to drink. Get medical attention. If unconscious, do not give

anything to drink. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards:</b>	No unusual hazards.
<b>Flash Point:</b>	> 100 C (212 F)
<b>Test Method (for Flash Point):</b>	Not evaluated
<b>Flammable Limits in Air-Lower:</b>	Not evaluated
<b>Flammable Limits in Air-Upper:</b>	Not evaluated
<b>Extinguishing Media:</b>	Carbon dioxide, dry chemical, foam, water.
<b>Special Fire Fighting Procedures:</b>	None required.
<b>Hazardous Combustion Products:</b>	Burning may produce oxides of carbon, nitrogen or sulfur.
<b>Auto-Ignition Temperature:</b>	Not evaluated
<b>Conditions of Flammability:</b>	None known
<b>Sensitivity to Mechanical Impact:</b>	Not evaluated
<b>Sensitivity to Static Discharge:</b>	Not evaluated

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spill Procedures:</b>	Soak up with inert absorbent material. Shovel into closable container for disposal. Wear protective equipment specified (Section 8).
<b>Emergency Response Guidebook Guide Number:</b>	None

## 7. HANDLING AND STORAGE

### Product Label Information

NOTICE! Handle with due care. Avoid ingestion, inhalation, eye and skin contact. The reactive dye in this product has not been shown to cause allergic respiratory reactions. However, since certain other reactive dyes have caused allergic reactions, a physician should be called if symptoms such as skin rash, runny nose, difficulty in breathing, dizziness or fainting are experienced. Keep container closed. For industrial use only.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory Protection:</b>	Use NIOSH approved respirator (particulate Type N99) where there is likelihood of inhalation of the product mist. All respirator use must be controlled by a program which conforms to the requirements of 29 CFR1910.134.
<b>Protective Gloves:</b>	Wear impervious gloves as a standard handling procedure.
<b>Eye Protection:</b>	Wear splash-proof chemical goggles.
<b>Emergency Response Protection:</b>	No additional specialized equipment should be required.
<b>Other Protective Equipment:</b>	Wear appropriate equipment to prevent probability of exposure and personal contact. Deluge safety shower and eye wash should be located near work area.
<b>Ventilation:</b>	Local exhaust recommended, mechanical exhaust acceptable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and Odor:</b>	Liquid; turquoise; odorless
<b>Boiling Point:</b>	Approximately 212 F (100 C)
<b>Decomposition Temperature:</b>	Not evaluated
<b>Evaporation Rate:</b>	Not evaluated
<b>Freezing / Melting Point:</b>	Not evaluated
<b>pH:</b>	8.0 - 9.0 @ 1 g/l water
<b>Solubility:</b>	Not evaluated
<b>Specific Gravity:</b>	Not evaluated
<b>Density:</b>	Not evaluated
<b>Vapor Density:</b>	Not evaluated

Vapor Pressure: Not evaluated  
Partition Coefficient (Oil/Water): Not evaluated

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Incompatibility: None known.  
Hazardous Polymerization: Will not occur  
Conditions of Reactivity: None known

## 11. TOXICOLOGICAL INFORMATION

LD50 Dermal: Not evaluated  
LD50 Ingestion: LD50 > 5,000 mg/kg (Rat)\*  
Eye Irritation: (Rabbits) Not an irritant\*  
Skin Irritation: (Rabbits) Not an irritant\*  
Skin Sensitivity: Not evaluated  
LC50 Inhalation: Not evaluated  
Carcinogenicity: Not evaluated  
Mutagenicity: Not evaluated.  
Teratogenicity: Not evaluated  
Reproductive Toxicity: Not evaluated  
Subacute Oral Toxicity (Rat): Not evaluated.  
Additional Health Data: \*Note: The above data based on component information

## 12. ECOLOGICAL INFORMATION

Biochemical Oxygen Demand (5-Day): 2.0 mg/g\*  
Chemical Oxygen Demand: 390 mg/g\*  
Fish Toxicity: LC50 > 780 mg/l (Zebra Fish) 96 hr\*  
Effect on Waste Treatment Bacteria: Not evaluated  
Activated Sludge Respiration Inhibition Test: IC50 > 320 mg/l (3 hrs)\*  
Tox Synergistic Materials: Not evaluated  
Additional Environmental Data: \*Note: The above data based on known component information.

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Bury or incinerate in approved site or facility in accordance with local, state and federal regulations.  
Container Reuse: Emptied container may contain product residue and should not be reused.

## 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not Regulated  
International Air Transportation Authority (IATA): Not Regulated  
International Maritime Dangerous Goods (IMDG): Not Regulated  
Canadian Transportation of Dangerous Goods (TDG): Not Regulated

## 15. REGULATORY INFORMATION

Canadian DSL Status: Not approved for sale in Canada  
CBI Exemption Registry Number: Not applicable. Date Filed: Not Applicable  
Exemption Claim Granted: Not applicable.  
TSCA Status: All components are listed in TSCA inventory.  
CERCLA Status: Contains Copper Compound(s). For reportable quantity see 40 CFR 302.

RCRA Status: Not a hazardous waste under RCRA (40 CFR 261).  
SARA 311/312 Status: Immediate/Delayed  
SARA 313 Status: Copper complex dye, Percent: 10.0, (Cu: 0.55%)  
Clean Air Act: Maximum Potential Volatile Organics: 20.30 %  
Clean Water Act Status: Contains Copper.

Other Regulatory Information: None

**16. OTHER INFORMATION**

*State Right to Know Information:*

**State Listed Hazardous Ingredients:**

Propylene Glycol, 57-55-6, 1,2-Propanediol within the following states: PA-RTK  
Copper phthalocyanine dye within the following states: PA-E MA-RTK

**Other Ingredients - Disclosure as required by PA State:**

Water, 7732-18-5, Water

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MSDS Fax Line: (336) 801-3086  
MSDS Request Line: (336) 801-2929  
E-Mail address format: firstname.lastname@cibasc.com

Product Safety, Regulatory and Environmental Information  
: (336) 801-2618

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

This material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard, (29 CFR 1910.1200).