



# MATERIAL SAFETY DATA SHEET

## MI-GLOW® 820D

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

#### CIRCLE SYSTEMS, INC.

479 W. Lincoln, P.O. Box 1228

Hinckley, IL 60520

815-286-3271 / After Hours EMERGENCY RESPONSE: Chem-tel 800-255-3924 Contract# MIS0001649

TRADE NAME: **MI-GLOW® 820D**

FORMULA: A non-fluorescent magnetic powder, water conditioner, and surfactant mixture

HMIS Rating: Health 1, Flammability 0, Reactivity 0

### 2. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>MATERIAL</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV</u>
Iron Oxide	1317-61-9	<35	10 mg/m <sup>3</sup>

REMARKS - A larger percentage of this material consists of a combination of water conditioner mixture which is not considered hazardous.

### 3. HAZARDS IDENTIFICATION:

THRESHOLD LIMIT VALUE: n.a.

EFFECTS OF OVEREXPOSURE: Material may cause eye, skin, and mucus irritation

### 4. FIRST AID MEASURES:

EYES: Flush with copious amounts of water

SKIN: Flush with water

*SEEK MEDICAL ATTENTION IN ALL CASES*

INHALATION: Remove subject to fresh air

INGESTION: n/a

### 5. FIRE FIGHTING MEASURES:

FLASH POINT (METHOD USED): n.a.

EXTINGUISHING MEDIA: n.a.

SPECIAL FIRE FIGHTING PROCEDURES: n.a.

FLAMMABLE LIMITS: n.a.

UNUSUAL FIRE AND EXPLOSION HAZARDS: n.a.

### 6. ACCIDENTAL RELEASE MEASURES:

Wipe up spill with absorbent material and rinse area with water.

### 7. HANDLING AND STORAGE:

Store in a clean area away from extreme heat or cold.

### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

VENTILATION REQUIREMENTS: Local exhaust if OSHA limits are exceeded

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

EYE: Safety glasses or goggles

GLOVES: Recommended – rubber gloves

RESPIRATORY: Optional

OTHER CLOTHING & EQUIPMENT: n.a.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: approximately 212°F

VAPOR PRESSURE: n.a.

VAPOR DENSITY (AIR=1): n.a.

SOLUBILITY IN WATER: Appreciable

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.0

% VOLATILE BY VOLUME: n.a.

EVAPORATION RATE (ETHER=1): n.a.

APPEARANCE & ODOR: Black powder with a slight detergent odor

### 10. STABILITY AND REACTIVITY:

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: n.a.

HAZARDOUS POLYMERIZATION: Will not occur

---

**11. TOXICOLOGICAL INFORMATION:**

TLV (Threshold Limit Value): n.a.

CARCINOGENICITY: Contains no known suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH

---

**12. ECOLOGICAL INFORMATION:**

No available data.

---

**13. DISPOSAL CONSIDERATIONS:**

Dispose of all the waste material according to applicable federal, state, and local regulations.

---

**14. TRANSPORT INFORMATION:**

D.O.T. SHIPPING NAME: Not Regulated

D.O.T. Hazard Class: None

U.N./N.A. Number: None

Canadian Labels: Not Applicable

---

**15. REGULATORY INFORMATION:**

TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act): NOT Reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act), SECTION 313 (Reportable Ingredients): No reportable ingredients.

CALIFORNIA PROPOSITION 65: Contains nothing on this list.

---

**16. OTHER INFORMATION:**

PREPARED BY: Deborah A. Shreve

TITLE: Vice President/Director of Quality Control

ISSUE DATE: July 12, 2011

SUPERSEDES DATE:

---

**DISCLAIMER:** OUR TECHNICAL ADVICE, INFORMATION & STATEMENTS - GIVEN VERBALLY, IN WRITING OR IN THE FORM OF TEST RESULTS - IS OFFERED FOR YOUR GUIDANCE WITHOUT WARRANTY. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.** IT IS THE USER'S RESPONSIBILITY TO TEST THE SUITABILITY OF EACH PRODUCT FOR HIS INTENDED PROCESS AND APPLICATIONS. OUR GUARANTEE IS LIMITED TO THE CONSISTENT QUALITY OF OUR PRODUCTS.

---