

MATERIAL SAFETY DATA SHEET
Magnetic Inspection Powder - PARKER YP10 YELLOW

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: **SIRCHEM® DRY POWDER 66 YELLOW (PARKER YP10 YELLOW)**

FORMULA: A mixture of iron powder and pigments

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 Powder	7439-89-6	>90	10 mg/m ³

3. HAZARDS IDENTIFICATION:

THRESHOLD LIMIT VALUE: 10 mg/m³ for dust

EFFECTS OF OVEREXPOSURE: Slightly dusty material may cause eye, skin, and mucus irritation

4. FIRST AID MEASURES:

EYES: Flush with copious amounts of water

INHALATION: Remove subject to fresh air

SKIN: Flush with water

INGESTION: Do not induce vomiting. Drink large amounts of water.

SEEK MEDICAL ATTENTION IN ALL CASES

5. FIRE FIGHTING MEASURES:

FLASH POINT (METHOD USED): n.a.

FLAMMABLE LIMITS: n.a.

EXTINGUISHING MEDIA: Graphite, Sodium Chloride

SPECIAL FIRE FIGHTING PROCEDURES: Fog nozzle and fine spray to prevent dusting

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fine dry dust exceeding minimum explosive concentration can explode in presence of ignition.

6. ACCIDENTAL RELEASE MEASURES:

Vacuum or carefully sweep up material into container and dispose of according to federal, state, and local regulations.

7. HANDLING AND STORAGE:

Keep material clean and dry until ready to use. Severe dusting in enclosed area may explode from ignition source.

OTHER PRECAUTIONS: Dust-tight wiring, fixtures, etc. recommended. Physical properties may deteriorate if stored in conditions of excessive moisture.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

VENTILATION REQUIREMENTS: Local exhaust if OSHA limits are exceeded

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

EYE: Safety glasses or goggles

RESPIRATORY: Recommended - Powder or dust mask if OSHA limits are exceeded

GLOVES: Recommended

OTHER CLOTHING & EQUIPMENT: n.a.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: n.a.

SPECIFIC GRAVITY (H₂O=1): 2.5

VAPOR PRESSURE: n.a.

% VOLATILE BY VOLUME: n.a.

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

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

SOLUBILITY IN WATER: Negligible

APPEARANCE & ODOR: Yellow powder, odorless

10. STABILITY AND REACTIVITY:

STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: n.a.

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION:

TLV (Threshold Limit Value): 10 mg/m³ for dust

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

12. ECOLOGICAL INFORMATION:

No available data.

13. DISPOSAL CONSIDERATIONS:

Vacuum material up and return to container. Dispose of according to 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: January 15, 2013

SUPERSEDES DATE: January 11, 2012

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.

NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA

Phone: 913-685-0675, Fax: 913-685-1125

e-mail: sales@ndtsupply.com, www.ndtsupply.com

