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 63 RED (PARKER RP6 RED)**
   FORMULA: A mixture of iron powder and pigments
   HMIS Rating: Health 1, Flammability 0, Reactivity 0

2. **COMPOSITION, INFORMATION ON INGREDIENTS:**
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>C.A.S. #</th>
<th>%</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Powder</td>
<td>7439-89-6</td>
<td>&gt;95</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

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: Red 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

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