Material Safety Data Sheet
M-309 Red Dye Dispersion

1. Product and Company Information

Product Name: Red Dye Dispersion
Product Code: M-309
Manufacturer: Custom Milling & Consulting, Inc.
1246 Maidencreek Road
Fleetwood, PA  19522
Phone: 610-926-0984
Fax: 610-926-0989
Emergency Phone: 610-926-0984

2. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Iron Oxide</td>
<td>001332-37-2</td>
<td>40 to 55</td>
</tr>
<tr>
<td>Water</td>
<td>007732-18-5</td>
<td>35 to 50</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Proprietary</td>
<td>1 to 10</td>
</tr>
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3. Hazards Identification

Physical State and Appearance: Red Liquid Dispersion

Potential Health Effects

Eyes: Contact may cause irritation.

Skin: Brief contact may cause slight skin irritation with local redness.

Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Ingestion: Irritating to mouth, throat and stomach.

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility; vapor from heated material may cause respiratory irritation. This material contains mineral and/or inorganic fillers. There is essentially no potential for inhalation exposure to these fillers incidental to industrial handling due to the physical state.

Irritancy: Very mild (if any) eye/skin irritant.
4. First Aid Measures

Eyes  Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult physician, preferably an ophthalmologist.

Skin  Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion  Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, gut give one or two glasses of water to drink and get medical attention.

Inhalation  Move person to fresh air; if effects occur, consult a physician.

Antidotes  No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Flash Point (and method used)  NA = Not Applicable

Extinguishing Media  Water fog or fine spray. Carbon dioxide fire extinguishers. Dry chemical fire extinguishers.

Special Fire Fighting Procedures  As when fighting any fire, fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Unusual Fire and Explosion Hazards  None expected.

Hazardous thermal (de)composition products  Decomposition products can include and are not limited to: Carbon monoxide. Carbon dioxide.

6. Accidental Release Measures

Small Spill and Leak  Contain spilled material if possible. Absorb with materials such as: cat litter, sand, and sawdust.

Environmental Precautions  Water Spill – None expected.
                          Land Spill – None expected.
                          Air Spill – None expected.
7. Handling and Storage

General Procedures  None.
Handling  Store in adequate storage area at ambient temperature.
Storage  Keep container closed to prevent drying out.
Storage Temperature  Ambient.
Loading Temperature  Ambient.

8. Exposure Controls / Personal Protection

Eye and Face  Used safety glasses.
Skin  Wash thoroughly after handling.
Respiratory  This material does not have established exposure limits. Wear a positive pressure air-supplied respirator in situations where there may be potential for airborne exposure.
Protective Clothing  Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.

9. Physical and Chemical Properties

Physical State  Liquid
Color  Red
Odor  Mild
Appearance  Brown Liquid
pH  7.5 to 9.5 pH
Percent Volatile  No test data available.
Flashpoint and Method  NA = Not Applicable
Solubility in Water  Dispersible
10. Stability and Reactivity

Stability        This product is stable.

Hazardous Polymerization  No.

Stability        Stable.

Polymerization  None expected.

11. Toxicological Information

Eye Effects  May cause eye irritation.

Skin Effects  May cause skin irritation.

12. Ecological Information

Environmental Data  Not established.

Ecotoxicological Information:  Carbon Black – Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 > 100 mg/L in the most sensitive species tested.)

**Fish Acute & Prolonged Toxicity**
LC50, golden orfe (Leuciscus idus): 1,000 mg/l

**Aquatic Invertebrate Acute Toxicity**
EC50, water flea Daphnia magna, immobilization: . 5,600 mg/l

13. Disposal Considerations

This material and its containers must be disposed of in a safe and environmentally responsible way. Water must be disposed of in accordance with federal, state and local environmental control regulations. Do not allow product to reach sewage system/surface or ground water.

14. Transportation Information

DOT Classification  Not Regulated by DOT

Other Requirements  N/A
15. Regulatory Information

<table>
<thead>
<tr>
<th>U.S. Federal Regulations</th>
<th>Sara Title III (Superfund Amendments and Reauthorization Act) – to the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.</th>
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<tr>
<td>Cercla Regulator (Comprehensive Response, Compensation, and Liability Act) - to the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.</td>
<td><strong>TSCA (Toxic Substance Control Act)</strong> – All components of this product of this product are either on the TSCA Inventory, are exempt from TSCA Inventory Requirements under 40 CFR 720.30, or comply with the PMN Polymer Exemption 40 CFR 723.250.</td>
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16. Other Information

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<tr>
<th>Other Special Considerations</th>
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<tr>
<td>Date of Issue</td>
<td>June 2010</td>
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