



# Magnetic Latent Print Powder, Red, 6oz.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 01/06/2015

Supersedes:01/27/2011

Version:

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name. : Magnetic Latent Print Powder, Red, 6oz.  
Product code : MSW118L

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation : Latent fingerprint powder

#### 1.3. Details of the supplier of the safety data sheet

SIRCHIE Finger Print Laboratories  
100 Hunter Place  
27596 Youngsville, NC - USA  
T 919-554-2244; 800-356-7311 - F 919-554-2266; 800-899-8181  
<http://www.sirchie.com>

#### 1.4. Emergency telephone number

Emergency number : 1.800.424.9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

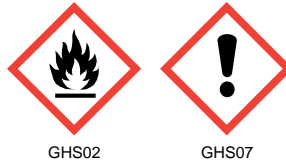
##### Classification (GHS-US)

Flam. Sol. 2 : H228  
Eye Irrit. 2A : H319

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) :

H228 - Flammable solid  
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) :

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment.  
P264 - Wash ... thoroughly after handling.  
P280 - Wear Dust mask, gloves, safety glasses.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P370+P378 - In case of fire: Use ... for extinction.

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name  | Product identifier   | %      | Classification (GHS-US)                                      |
|---|----------------------|--------|--|
| iron, powder  | (CAS No.)7439-89-6   | <= 83  | Flam. Sol. 2, H228<br>Eye Irrit. 2A, H319                    |
| Rocket Red AX Pigment                                       | (CAS No.)Proprietary | 15     | Not classified   |
| barium bis[2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate] | (CAS No.)1103-38-4   | < 1.25 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332 |

# Magnetic Latent Print Powder, Red, 6oz.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation   | : Assure fresh air breathing. Allow the victim to rest.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                 |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.                          |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                   |  |
|-------------------|--|
| Symptoms/injuries | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|-------------------|--|

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

#### 5.2. Special hazards arising from the substance or mixture

|            |                      |
|------------|----------------------|
| Reactivity | : No data available. |
|------------|----------------------|

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

|                         |  |
|-------------------------|--|
| Methods for cleaning up | : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. |
|-------------------------|--|

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor. |
|-------------------------------|---|

#### 7.2. Conditions for safe storage, including any incompatibilities

|                        |   |
|------------------------|---|
| Storage conditions     | : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products  | : Strong bases. strong acids.   |
| Incompatible materials | : Sources of ignition. Direct sunlight.   |

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

# Magnetic Latent Print Powder, Red, 6oz.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 8.2. Exposure controls

|                               |   |
|-------------------------------|---|
| Personal protective equipment | : Avoid all unnecessary exposure.         |
| Hand protection               | : Wear protective gloves.                 |
| Eye protection                | : Chemical goggles or safety glasses.     |
| Respiratory protection        | : Wear approved mask.                     |
| Other information             | : When using, do not eat, drink or smoke. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                             |
|---|-----------------------------|
| Physical state                              | : Solid                     |
| Appearance                                  | : Powders.                  |
| Color                                       | : Metallic red. Colorless.  |
| Odor  | : odorless. characteristic. |
| Odor threshold                              | : No data available         |
| pH  | : No data available         |
| Relative evaporation rate (butyl acetate=1) | : No data available         |
| Melting point                               | : No data available         |
| Freezing point                              | : No data available         |
| Boiling point                               | : No data available         |
| Flash point                                 | : No data available         |
| Self ignition temperature                   | : No data available         |
| Decomposition temperature                   | : No data available         |
| Flammability (solid, gas)                   | : No data available         |
| Vapor pressure                              | : No data available         |
| Relative vapor density at 20 °C             | : No data available         |
| Relative density                            | : No data available         |
| Solubility                                  | : Insoluble in water.       |
| Log Pow                                     | : No data available         |
| Log Kow                                     | : No data available         |
| Viscosity, kinematic                        | : No data available         |
| Viscosity, dynamic                          | : No data available         |
| Explosive properties                        | : No data available         |
| Oxidizing properties                        | : No data available         |
| Explosive limits                            | : No data available         |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions. Flammable solid.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                           |                  |
|---------------------------|------------------|
| Acute toxicity            | : Not classified |
| Skin corrosion/irritation | : Not classified |

# Magnetic Latent Print Powder, Red, 6oz.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|   |  |
|---|--|
| Serious eye damage/irritation                       | : Causes serious eye irritation.   |
| Respiratory or skin sensitization                   | : Not classified   |
| Germ cell mutagenicity                              | : Not classifiedBased on available data, the classification criteria are not met |
| Carcinogenicity                                     | : Not classified   |
| Reproductive toxicity                               | : Not classifiedBased on available data, the classification criteria are not met |
| Specific target organ toxicity (single exposure)    | : Not classified   |
| Specific target organ toxicity (repeated exposure)  | : Not classifiedBased on available data, the classification criteria are not met |
| Aspiration hazard                                   | : Not classifiedBased on available data, the classification criteria are not met |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met.              |

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

#### Magnetic Latent Print Powder, Red, 6oz.

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

#### barium bis[2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate] (1103-38-4)

|                               |   |
|-------------------------------|---|
| Persistence and degradability | Biodegradability in water: no data available. |
|-------------------------------|---|

### 12.3. Bioaccumulative potential

#### Magnetic Latent Print Powder, Red, 6oz.

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

#### barium bis[2-[(2-hydroxynaphthyl)azo]naphthalenesulphonate] (1103-38-4)

|                           |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Additional information

Other information : No supplementary information available.

### Overland transport

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

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## Safety Data Sheet

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Magnetic Latent Print Powder, Red, 6oz.

Listed on SARA Section 313 (Specific toxic chemical listings)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

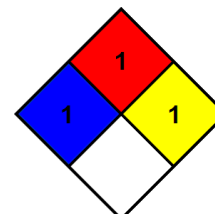
### SECTION 16: Other information

|                       |  |
|-----------------------|--|
| Indication of changes | : Revision - See : *   |
| Data sources          | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Training advice       | : Normal use of this product shall imply use in accordance with the instructions on the packaging.   |
| Other information     | : This Safety Data Sheet has been established in accordance with the applicable European Union legislation.  |

Full text of H-phrases: see section 16:

|                           |   |
|---------------------------|---|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4        |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral) Category 4              |
| Eye Irrit. 2A             | Serious eye damage/eye irritation Category 2A |
| Flam. Sol. 2              | Flammable solids Category 2                   |
| H228                      | Flammable solid                               |
| H302                      | Harmful if swallowed                          |
| H319                      | Causes serious eye irritation                 |
| H332                      | Harmful if inhaled                            |

|                    |   |
|--------------------|---|
| NFPA health hazard | : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.   |
| NFPA fire hazard   | : 1 - Must be preheated before ignition can occur.  |
| NFPA reactivity    | : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently. |



#### HMIS III Rating

|                     |  |
|---------------------|--|
| Health              | : 1 Slight Hazard - Irritation or minor reversible injury possible |
| Flammability        | : 1 Slight Hazard  |
| Physical            | : 1 Slight Hazard  |
| Personal Protection | : F  |

SDS US (GHS HazCom 2012)

# Magnetic Latent Print Powder, Red, 6oz.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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