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

1.1. Product identifier

Product name: Bailey's Color Me Blue
Product code: 56428

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

Use of the substance/mixture: Soil Amendment

1.3. Details of the supplier of the safety data sheet

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424
T (315) 736-8231
www.bonide.com

1.4. Emergency telephone number

Emergency number: CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Skin Irrit. 2  H315

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US): GHS07

Signal word (GHS-US): Warning
Hazard statements (GHS-US): H315 - Causes skin irritation
Precautionary statements (GHS-US): P264 - Wash hands thoroughly after handling
P280 - Wear gloves/eye protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P321 - Specific treatment (see first aid on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier (CAS No.)</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfur</td>
<td>7704-34-9</td>
<td>90</td>
<td>Skin Irrit. 2, H315</td>
</tr>
</tbody>
</table>

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 person to rest.
First-aid measures after skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention. If irritation occurs and persists see a doctor.
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 after skin contact: Causes skin irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information 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.

Hygiene measures: Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Protect from moisture. Keep container closed when not in use. Store in original container.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Sulfur (7704-34-9)</th>
<th>USA ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.
Bailey's Color Me Blue
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Hand protection               | Wear protective gloves. |
| Eye protection                | Chemical goggles or safety glasses. |
| Skin and body protection      | Wear suitable protective clothing. |
| 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          | Yellowish Solid |
| Color               | Yellow |
| Odor threshold      | Odorless |
| Odor                | Odorless |
| 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       | 831 °F |
| 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 additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
**Bailey's Color Me Blue**  
**Safety Data Sheet**  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Acute toxicity
- Not classified

#### Sulfur (7704-34-9)
- LD50 oral rat: > 5000 mg/kg (Rat)
- LD50 dermal rabbit: > 2000 mg/kg (Rabbit)
- LC50 inhalation rat (mg/l): > 9.23 mg/l/4h (Rat)

#### Skin corrosion/irritation
- Causes skin irritation.

#### Serious eye damage/irritation
- Not classified

#### Respiratory or skin sensitization
- Not classified

#### Germ cell mutagenicity
- Not classified

#### Carcinogenicity
- Not classified

#### Reproductive toxicity
- Not classified

#### Specific target organ toxicity (single exposure)
- Not classified

#### Specific target organ toxicity (repeated exposure)
- Not classified

#### Aspiration hazard
- Not classified

#### Potential Adverse human health effects and symptoms
- Based on available data, the classification criteria are not met.

#### Symptoms/injuries after skin contact
- Causes skin irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Sulfur (7704-34-9)
- LC50 fish 1: 866 mg/l (96 h; Brachydanio rerio)
- LC50 fish 2: > 100 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
- TLM fish 1: 10000 ppm (96 h; Gambusia affinis)
- Threshold limit other aquatic organisms 1: > 10000 mg/l (24 h; Daphnia magna)

#### 12.2. Persistence and degradability

##### Bailey's Color Me Blue
- Persistence and degradability: Not established.

##### Sulfur (7704-34-9)
- Persistence and degradability: Biodegradability in soil not applicable, adsorbs into the soil.
- Biochemical oxygen demand (BOD): Not applicable
- Chemical oxygen demand (COD): Not applicable
- ThOD: Not applicable
- BOD (% of ThOD): Not applicable

#### 12.3. Bioaccumulative potential

##### Bailey's Color Me Blue
- Bioaccumulative potential: Not established.

##### Sulfur (7704-34-9)
- Log Pow: 0.23 (Estimated value)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Mobility in soil

##### Bailey's Color Me Blue
- Ecology - soil: Not toxic to bees.

#### 12.5. Other adverse effects

- Other information: Avoid release to the environment.
### SECTION 13: Disposal considerations

<table>
<thead>
<tr>
<th>13.1. Waste treatment methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste disposal recommendations</td>
</tr>
<tr>
<td>Ecology - waste materials</td>
</tr>
</tbody>
</table>

### SECTION 14: Transport information

<table>
<thead>
<tr>
<th>In accordance with DOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>No dangerous good in sense of transport regulations</td>
</tr>
</tbody>
</table>

**Additional information**

| Other information | No supplementary information available. |

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

**Bailey's Color Me Blue**

- Not listed on the United States TSCA (Toxic Substances Control Act) inventory

**Sulfur (7704-34-9)**

- Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

- No additional information available

#### 15.3. US State regulations

**Sulfur (7704-34-9)**

- U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16: Other information

| Other information | None. |

Full text of H-phrases: see section 16:

<table>
<thead>
<tr>
<th>Skin Irrit. 2</th>
<th>Skin corrosion/irritation Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012) - Pesticides

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.