Material Safety Data Sheet

Food Coloring

Section 1 - Product Description

Product Name: Sauer's Food Colors
Product Code(s): 89-8030, 89-8031, 89-8032, 89-8033, 89-8034
Size: 7.5 ml
Chemical Name: See Section 3
CAS Number: N/A
Formula: N/A
Synonyms: food coloring
Distributor: Carolina Biological Supply Company, 2700 York Road, Burlington, NC  27215
Chemical Information: 800-227-1150 (8am-5pm (ET) M-F) Chemtrec 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard Identification

Potential Health Effects:
<table>
<thead>
<tr>
<th>Eyes</th>
<th>Skin</th>
</tr>
</thead>
<tbody>
<tr>
<td>May cause irritation.</td>
<td>May cause irritation to skin.</td>
</tr>
<tr>
<td>Ingestion: May cause gastrointestinal discomfort.</td>
<td>Inhalation: May cause irritation to respiratory tract.</td>
</tr>
</tbody>
</table>

Section 3 - Composition / Information on Ingredients

Principal Hazardous Components: to the best of our knowledge, this product is non-hazardous and is not subject to the requirements of 29 CFR 1910.1200.; FD&C Colors; Propylene Glycol (CAS # 57-55-6); Propylparaben (CAS # 94-13-3);
Water (CAS # 7732-18-5)
TLV units: N/A
PEL units: N/A

Section 4 - First Aid Measures

Emergency and First Aid Procedures:
- Eyes - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
- Ingestion - If swallowed, rinse mouth with water (only if the person is conscious).
- Inhalation - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Section 5 - Firefighting Procedures

Flash Point (Method Used): N/A
NFPA Rating:
- Health: 1
- Fire: 0
Reactivity: 0
Extinguisher Media: Use media suitable to extinguish surrounding fire.
Flammable Limits in Air % by Volume: N/A
Autoignition Temperature: N/A
Special Firefighting Procedures: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None Known

Section 6 - Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

Section 7 - Special Precautions

Precautions to Take in Handling or Storing: Avoid direct sunlight and heat. Suitable for any general chemical storage.

Section 8 - Protection Information

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.
Ventilation:
  - Local Exhaust: Acceptable
  - Mechanical(General): Yes
  - Special: No
  - Other: No
Protective Gloves: Natural rubber, Neoprene, PVC or equivalent.
Eye Protection: Splash proof chemical safety goggles should be worn.
Other Protective Clothing or Equipment: Not Normally Required

Section 9 - Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Percent Volatile by Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)</td>
<td>1.025</td>
</tr>
<tr>
<td>Evaporation Rate (BuAc=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Red, blue, green and/or yellow odorless liquids.</td>
</tr>
</tbody>
</table>

Section 10 - Reactivity Data

Stability: Stable
Conditions to Avoid: None Known
Incompatibility (Materials to Avoid): Oxidizers.
Hazardous Decomposition Products: COx,
Hazardous Polymerization: Will not occur

Section 11 - Toxicity Data

Toxicity Data: N/A
Effects of Overexposure:
  - Acute: See Section 2
  - Chronic: To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly evaluated.
Conditions Aggravated by Overexposure: None Known
Target Organs: No information available
Primary Route(s) of Entry: Ingestion.
Section 12 - Ecological Data

EPA Waste Numbers: N/A

Section 13 - Disposal Information

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

Section 14 - Transport Information

DOT Proper Shipping Name: Not Regulated

Section 15 - Regulatory Information

EPA TSCA Status: Not on TSCA Inventory
Hazard Category for SARA Section 311/312 Reporting: Acute

<table>
<thead>
<tr>
<th>Name List:</th>
<th>Chemical Category:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

CERCLA Section 103 RQ(lb.): No
RCRA Section 261.33: No

Section 16 - Additional Information

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH American Conference of Governmental Industrial Hygienists
CAS Number Chemical Services Abstract Number
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
DOT U.S. Department of Transportation
IARC International Agency of Research on Cancer
N/A Not Available
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
ppm Parts per million
RCRA Resource Conservation and Recovery Act
SARA Superfund Amendments and Reauthorization Act
TLV Threshold Limit Value
TSCA Toxic Substances Control Act