

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

|  |   |
|--|---|
| <b>IDENTITY</b> Consumer Fireworks, 1.4G | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
|--|---|

**Section I**

|  |  |
|--|--|
| Name<br>Spirit of '76 Fireworks                  | Emergency Telephone Number<br>1-800-535-5053 (INFOTRAC) (100581) |
| Address (Number Street)<br>6401 West Highway 40  | Telephone Number for Information<br>(573) 447-1776               |
| Address (City, State, ZIP)<br>Columbia, MO 65202 | Date Prepared 01-23-09   |
| Signature of Preparer (optional)                 |  |

**Section II – Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity: Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional)        |
|---|----------|-----------|--------------------------|---------------------|
| 1.4G UN0336, PGII   |          |           |                          | .25 of gross weight |

Contains pyrotechnic composition - a solid mixture of oxidizer and fuel that will burn if ignited. These items are classified as 1.4G explosive by DOT.

No chemical composition is exposed during normal handling and storage.

**Section III – Physical/Chemical Characteristics**

|                         |     |   |     |
|-------------------------|-----|---|-----|
| Boiling Point           | n/a | Specific Gravity (H <sub>2</sub> O = 1) | n/a |
| Vapor Pressure (mm Hg)  | n/a | Melting Point                           | n/a |
| Vapor Density (AIR = 1) | n/a | Evaporation Rate (Butyl Acetate = 1)    | n/a |

Solubility in Water Slight

Appearance and Odor All pyrotechnic composition is contained in a cardboard casing.

**Section IV – Fire and Explosion Hazard Data**

|                               |                      |         |         |
|-------------------------------|----------------------|---------|---------|
| Flash Point (Method Used) n/a | Flammable Limits n/a | LEL n/a | UEL n/a |
|-------------------------------|----------------------|---------|---------|

Extinguishing Media Flood with water if a small amount of fireworks is involved.

Special Fire Fighting Procedures Do not use suffocation methods - devices contain their own oxygen. If a large amount of fireworks are involved, allow them to burn and prevent spread of fire.

**Unusual Fire and Explosion Hazards** Fireworks will burn rapidly in the event of fire.

**Section V – Reactivity Data**

|  |                |                                     |   |
|--|----------------|-------------------------------------|---|
| Stability  | Unstable       | <input type="checkbox"/>            | Conditions to Avoid Open flames, smoking. |
|  | Stable         | <input checked="" type="checkbox"/> |   |
| Incompatibility (Materials to Avoid) Exposure to water may cause items to deteriorate.                     |                |                                     |   |
| Hazardous Decomposition or Byproducts Smoke, nitrogen oxides, and sulfur oxides may be produced in a fire. |                |                                     |   |
| Hazardous Polymerization   | May Occur      | <input type="checkbox"/>            | Conditions to Avoid                       |
|  | Will Not Occur | <input checked="" type="checkbox"/> |   |

**Section VI – Health Hazard Data**

|  |                                      |                                |                                     |
|--|--------------------------------------|--------------------------------|-------------------------------------|
| Route(s) of Entry:   | Inhalation? <input type="checkbox"/> | Skin? <input type="checkbox"/> | Ingestion? <input type="checkbox"/> |
| Health Hazards (Acute and Chronic) Exposure to finished items does not pose any health hazard. |                                      |                                |                                     |
| Carcinogenicity: No  | NTP? No                              | IARC Monographs? No            | OSHA Regulated? No                  |
|  |                                      |                                |                                     |
| Signs and Symptoms of Exposure n/a   |                                      |                                |                                     |
| Medical Conditions Generally n/a<br>Aggravated by Exposure                                     |                                      |                                |                                     |
| Emergency and First Aid Procedures n/a   |                                      |                                |                                     |

**Section VII – Precautions for Safe Handling and Use**

|  |
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| Steps to Be Taken in Case Material is Released or Spilled No smoking or open flames in vicinity of spilled material. Carefully pick up and place spilled items in cardboard cartons. Sweep up any exposed chemical composition with a natural fiber brush. |
| Waste Disposal Method In accordance with local, state, and federal regulations.  |
| Precautions to Be Taken in Handling and Storing Avoid open flames, smoking, and high temperatures (above 120°F). Keep shipping cartons cool and dry.   |
| Other Precautions None   |

**Section VIII – Control Measures**

|  |                          |             |
|--|--------------------------|-------------|
| Respiratory Protection (Safety Type) None required when handling finished items. |                          |             |
| Ventilation  | Local Exhaust n/a        | Special n/a |
|  | Mechanical (General) n/a | Other n/a   |
| Protective Gloves None required  | Eye Protection n/a       |             |
| Other Protective Clothing or Equipment n/a                                       |                          |             |
| Work/Hygienic Practices No smoking in vicinity of fireworks.                     |                          |             |