

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

IDENTITY 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 Spirit of '76 Fireworks	Emergency Telephone Number 1-800-535-5053 (INFOTRAC) (100581)
Address (Number Street) 6401 West Highway 40	Telephone Number for Information (573) 447-1776
Address (City, State, ZIP) 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 ₂ 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
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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	☐	Conditions to Avoid Open flames, smoking.
	Stable	☒	
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	☐	Conditions to Avoid
	Will Not Occur	☒	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? ☐	Skin? ☐	Ingestion? ☐
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 Aggravated by Exposure			
Emergency and First Aid Procedures n/a			

Section VII – Precautions for Safe Handling and Use

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.		