

**Section 1: Identification**

**Product Name:** Flame Jel Pack - Colored

**Recommended use:** Slow burning gel. Produces flame/burns completely

Professional Use only by a qualified Pyrotechnician in a Theatrical Entertainment Application or in Professional Training Applications.

**Manufacturer and Distributor's Name and Address:** Ultratec Special Effects, Inc.  
148 Moon drive  
Owens Cross Roads, AL 35763  
United States  
Telephone Number: (256) 725-4224  
[www.ultratecfx.com](http://www.ultratecfx.com)

**Emergency Telephone Number:** 800-255-3924 - ChemTel

**Section 2: Hazard Identification**

**Classification of substance or mixture:**

Chemicals have been withheld for trade secret and proprietary information purposes.

**WARNING**



Burn, eye, skin, respiratory irritation, ingestion, acute or chronic exposure

BURN: Wash affected area.

EYE: Flush eyes with water for several minutes.

SKIN: Wash with soap and water

RESPIRATORY: Move to fresh air and consult physician.

INGESTION: DO NOT INDUCE VOMITING, Contact poison control

ACUTE OR CHRONIC EXPOSURE: Seek medical attention immediately

SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL

Keep away from heat, sparks and open flame, hot surfaces-

NO SMOKING

Store in a cool dry approved area

Dispose of content/container in accordance with local/regional/national and international regulations

### **Section 3: Composition/Information on Ingredients**

Chemicals have been withheld for trade secret and proprietary information purposes.

### **Section 4: First-Aid Measures**

**BURN:** Wash affected area.

**Skin:** Wash with soap and water. Get medical attention if irritation develops

**EYE:** Flush eyes with water for several minutes.

**RESPIRATORY:** Move to fresh air and consult physician.

**INGESTION:** DO NOT INDUCE VOMITING, Contact poison control

**ACUTE OR CHRONIC EXPOSURE:** Seek medical attention immediately

**SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL**

### **Section 5: Fire-Fighting Measures**

Extinguishing Media: CO<sub>2</sub>, extinguishing powder or water. Fight major fire with a water spray-jet or alcohol resistant foam

Special protective equipment for fire fighters: Wear self- contained breathing apparatus for fire fighting if necessary.

Methanol burns with a clear flame that is almost invisible in daylight.

### **Section 6: Accidental Release Measures**

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation

Methods and materials for containment and cleanup: Deluge with large quantities of water as quickly as possible. Do not allow material to become dry. Remove all sources of ignition

### **Section 7: Handling and Storage**

Do not alter device. Do not remove from protective package until ready to use.

Do not handle until all safety precautions have been read and understood.

Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product.

Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

All storage magazines must be safely located, or approved design and securely locked. Do not store improperly with other explosives (severe physical injury or death may occur from

ignition). Store in accordance with all state, local, and federal regulations.

## Section 8: Exposure Controls/ Personal Protection

**Respiratory Protection:** None

**Ventilation:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value

**Mechanical:** N/A

**Local Exhaust:** N/A

**Special:** N/A

**Other:** N/A

**Protective Gloves:** Should be worn

**Eye Protection:** Safety Glasses should be worn at all times for Pyrotechnic Operation

**Other Protective Clothing and Equipment:** Wearing at least 60% cotton clothing is recommended.

**Work/Hygienic Practices:** No smoking in the vicinity of item. Keep away from food. Wash hands thoroughly before eating or smoking.

**Exposure Limits:** N/A

## Section 9: Physical and Chemical Properties

**Appearance:** Clear or white jel

**Upper/Lower flammability or explosive limits:** N/A

**Odor:** slight alcohol smell

**Vapor Pressure:** N/A

**Odor Threshold:** N/A

**Vapor Density:** N/A

**pH:** N/A

**Relative Density:** N/A

**Melting Point/Freezing Point:** N/A

**Solubility(ies):** N/A

**Boiling Point:** N/A

**Flash Point:** N/A

**Evaporation Rate:** N/A

**Flammability:** N/A

**Upper/Lower flammability or explosive limits:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Partition coefficient: n-octanol/water:** N/A

**Auto-ignition Temperature:** N/A

**Viscosity:** N/A

## Section 10: Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** Storage at temperatures above 120°F. Avoid friction, shock, open flames, smoking, or ignition sources including sparks, and static discharges. Items may deteriorate over time, dispose of items that exceed the Use By Date.

**Incompatibility (Materials to Avoid):** Strong oxidizers, strong acids, strong bases. May become corrosive to lead and aluminum

**Hazardous Decomposition or Byproducts:** Formaldehyde, carbon dioxide and carbon monoxide  
**Hazardous Polymerization:** Will not occur

## Section 11: Toxicological Information

**Routes of Entry:** Inhalation. Ingestion, absorbed through skin  
**Toxicity to Animals:** Not available  
**Chronic Effects on Humans:** Not available.  
**Other Toxic Effects on Humans:** Hazardous in case of skin contact (irritant), of ingestion, of inhalation  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on Chronic Effects on Humans:** Not available  
**Special Remarks on other Toxic Effects on Humans:** Not available  
**Acute Potential Health Effects:** Skin: Severely irritates skin and may result in severe pain. Eyes: Severely irritates eyes and may result in severe pain. **Ingestion:** Harmful if swallowed. Swallowing may result in severe stomach pain. **Inhalation:** May be harmful if inhaled. May cause irritation of the respiratory tract and mucous membranes.

## Section 12: Ecological Information

**Ecotoxicity:** Not available.  
**BOD5 and COD:** Not available.  
**Products of Biodegradation:** Not Available  
**Toxicity of the Products of Biodegradation:** Not available.  
**Special Remarks on the Products of Biodegradation:** Not available  
**Environmental Data:** N/A

## Section 13: Disposal Considerations

**Waste disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## Section 14: Transport Information

**DOT Classification:** UN3175, Class 4.1 (Flammable Solid)

**Identification:** Ultra Flame Jel Packs

**Special Provisions for Transport:** Not available

## Section 15: Other Regulatory Information

Other regulatory information is not available

## Section 16: Other Information

**References:** Not available  
**Other Special Considerations:** Not available  
**Created:** 03/02/2015

**The information above is believed to be accurate and represents the best information currently available to us.**

**All Pyrotechnics should be used and handled with extreme caution, in accordance with all relevant regulations and codes only by experienced professional Pyrotechnicians.**

