

## Section 1: Identification

**Product Name:** Flame Projector

**Recommended use:** Flame Projector produces a natural or colored flame for a short duration

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

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**

**Flammability:** Flammable

**Hazardous Combustion Products:** N/A

**Means of Extinction:** Fight fire with water

**Special Fire Hazards:** Localized effect. Hazardous effects normally confined to the package unless the package has been degraded by fire, in which case not such that fire fighting is hindered.

### **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:** Clean spills in a manner that does not disperse dust into the air

### **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.

Keep shipping and storage containers in cool, dry place. Do not crush, abrade, or subject these items to shock. Avoid open flames, smoking, and temperatures above 120F

## Section 8: Exposure Controls/ Personal Protection

**Respiratory Protection:** None

**Ventilation:** N/A

**Mechanical:** N/A

**Local Exhaust:** N/A

**Special:** N/A

**Other:** N/A

**Protective Gloves:** N/A

**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:** All pyrotechnic composition is contained within article

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

**Odor:** no odor

**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):** No

**Initial Boiling Point:** N/A

**Flash Point:** N/A

**Evaporation Rate:** N/A

**Flammability:** Flammable

**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):** Exposure to water may cause item to deteriorate

**Hazardous Decomposition or Byproducts:** Smoke, oxides, chlorides, and other gaseous and solid particulates

**Hazardous Polymerization:** Will not occur

## Section 11: Toxicological Information

**Routes of Entry:** Inhalation. Ingestion, skin contact, inhalation, eye contact

**Toxicity to Animals:** Not available

**Chronic Effects on Humans:** Exposure to finished items does not pose a health hazard. During function, the gases and smoke created may cause respiratory irritation if inhaled in large amounts. Device may cause thermal burns if used improperly.

**Other Toxic Effects on Humans:** N/A

**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:** N/A

## 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

## Section 13: Disposal Considerations

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

**Steps to be taken in case material is released or spilled:** No smoking or open flames in vicinity of broken or spilled items. Carefully pick up and place spilled items in container. Sweep up any exposed chemical composition with a natural fiber brush.

## Section 14: Transport Information

**DOT Classification:** UN0431, 1.4G

**Identification:** Articles, Pyrotechnic for technical purposes

**Special Provisions for Transport:** Not available

## Section 15: Other Regulatory Information

**Other regulatory information:** N/A

## Section 16: Other Information

**References:** Not available

**Other Special Considerations:** Not available

**Created:** 03/30/2015

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.

