



Special Effects Equipment & Supplies

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For Chemical Emergency call Infotrac @ 1-800-535-5053

Material Safety Data Sheet

Section 1 - Product Identification

Product Name: Pyro Gel
Chemical Name: Trade Secret

Section 2 - Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>Exposure Limits in Air</u>
Trade Secret	628-63-7	125 ppm
Trade Secret	64-17-5	1000ppm
Trade Secret	7631-86-9	5mg/m ³ (respirable dust)
Trade Secret	91-20-3	15ppm
Exposure Limits	Permissible Exposure Limit:	N/A
	Ceiling Limits:	N/A
	Short Term Exposure Limit:	N/A
	Can be absorbed through skin?:	No

Section 3 - Physical/Chemical Characteristics

Boiling Point	295 F	Solubility in Water	0.20%
Vapor Pressure (mm Hg)	5	Specific Gravity (H₂O = 1)	1.1
Vapor Density (Air = 1)	4	Melting Point	-148 F
Appearance and Odor / Odor threshold	White opaque paste, mild characteristic banana-like odor		
Evaporation Rate (Butyl Acetate = 1)	0.8	PH	N/A
Freezing Point	N/A		

Section 4 - Fire and Explosion Data

Lower Explosive/Flammability Limit	1.1	Flash Point	195.8 F
Upper Explosive/Flammability Limit	7	Autoignition Temperature	700 F
Extinguishing Media	Water spray, carbon dioxide, foam, dry chemical.		
Fire Fighting Measures	Avoid straight stream of water as this may spread fire.		
Fire or Explosion Hazards	Vapor explosion hazards.		

Section 5 - Reactivity Data	
Chemical Stability	Stable in usual conditions. Avoid heat and ignition sources.
Incompatibility	Avoid strong alkalies or acids.
Hazardous Decomposition or Byproducts	Thermal decomposition yields acrid smoke and irritating vapors. Incomplete combustion may yield CO ₂ .
Hazardous Polymerization	N/A

Section 6 - Health Hazard Data	
Routes of Entry	Ingestion or inhalation.
Health Hazards	Acute eye, skin, or throat irritation. Low oral toxicity LD ₅₀ = 6.5g/Kg(rat). No appreciable hazard through skin.
Carcinogenicity	This product's ingredients are not found in the Federal OSHA NTP IAR
Signs and Symptoms of Exposure	Throat, skin, eye irritation. Nausea, headache, dizziness
Medical conditions generally aggravated by exposure	N/A
Emergency and First Aid Procedures	Eyes and skin: Flush copiously with water
	Inhalation: Remove to fresh air. Give oxygen if breathing is difficult. Give artificial respiration if necessary.
	Ingestion: Call for medical assistance if symptoms are severe.

Section 7 - Precautions for Safe Handling and Use	
Spill or Release Data	Scoop up solid material.
Waste Disposal Method	Pack in steel container for approved waste disposal method.
Handling and Storage	Store in a cool place away from possible ignition sources.
Other Precautions	Avoid inhalation or vapors and contact with skin and eyes.

Section 8 - Control Measures	
Respiratory Protection	Chemical canister or self-contained breathing air.
Protective Gloves	Rubber or polyethylene
Eye Protection	Goggles
Other Protective Equip.	Protective clothing, safety shower.
Ventilation	Provide adequate ventilation to prevent concentration build-up.
Work/Hygienic Practices	Avoid inhalation or vapors and contact with skin and eyes.

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described above, we cannot guarantee that these are the only hazards that exist.

Prepared: October 2006