



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: Hydro Fire
Chemical Name: Trade Secret

Section 2 - Ingredients

Chemical Name	CAS#	Exposure Limits in Air
Trade Secret	8030-30-6	ACGIH TLV 300ppm
Exposure Limits	Permissible Exposure Limit:	300ppm
	Ceiling Limits:	N/A
	Short Term Exposure Limit:	N/A
	Can be absorbed through skin?:	No

Section 3 - Physical/Chemical Characteristics

Boiling Point	98-135F	Solubility in Water	Difficult to mix
Vapor Pressure (mm Hg)	100F 760	Specific Gravity (H2O = 1)	0.644
Vapor Density (Air = 1)	2.5	Melting Point	N/A
Appearance and Odor / Odor threshold	Water-white liquid, mild odor similar to that of white gasoline.		
Evaporation Rate (Butyl Acetate = 1)	Est. 6	PH	N/A
Freezing Point	-99F		

Section 4 - Fire and Explosion Data

Lower Explosive/Flammability Limit	1.1	Flash Point	-54F
Upper Explosive/Flammability Limit	5.9	Autoignition Temperature	473F
Extinguishing Media	Carbon dioxide, foam, dry chemical.		
Fire Fighting Measures	Wear respiratory protection - Self-contained breathing apparatus recommended.		
Fire or Explosion Hazards	Highly flammable under all ambient conditions. Explosion hazard in unvented areas from air/vapor mixtures upon ignition.		

Section 5 - Reactivity Data

Chemical Stability	Stable
Incompatibility	Unreactive with all except strong oxidizers.
Hazardous Decomposition or Byproducts	Incomplete combustion may produce toxic fumes including carbon monoxide.
Hazardous Polymerization	Will not occur.

Section 6 - Health Hazard Data	
Routes of Entry	Inhalation, contact with skin or eyes, ingestion.
Health Hazards	Harmful if swallowed. Chronic exposure has no accumulative effects reported.
Carcinogenicity	Not listed.
Signs and Symptoms of Exposure	Inhaled: Vapors may cause intoxication. Symptoms similar to alcohol headache, nausea, stupor.
	Skin or Eyes contact: Only mildly irritating upon extended exposure.
	Ingestion: Similar to inhalation.
Medical conditions generally aggravated by exposure	N/A
Emergency and First Aid Procedures	Eyes: Flush copiously with water.
	Skin: Wash with soap and water.
	Inhalation: Remove victim to fresh air and treat symptoms.
	Ingestion: Call for medical assistance. If conscious, drink milk or water. DO NOT INDUCE VOMITING.
Section 7 - Precautions for Safe Handling and Use	
Spill or Release Data	Eliminate all sources of ignition. Absorb on clay, vermiculite or commercial inorganic absorbents.
Waste Disposal Method	Place absorbed material into approved steel drum for disposal.
	Dispose of all waste in accordance with Federal, State and local regulations.
Handling and Storage	Store in cool place away from heat, sparks or flame.
Section 8 - Control Measures	
Respiratory Protection	NIOSH - Approved self-contained breathing apparatus.
Protective Gloves	Rubber or polyethylene gloves are satisfactory.
Eye Protection	Splash-proof goggles
Other Protective Equip.	Wear protective clothing.
Ventilation	Provide adequate ventilation to prevent vapor concentration build-up.
Work/Hygienic Practices	Avoid inhalation of vapors or ingestion of liquid. Keep away from
	any and all sources of ignition.

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