



Safety Data Sheet

Color Fire Fluid - Blue

Section 1. Identification

Product Identifier	Color Fire Fluid - Blue		
Recommended use	Product is intended for professional Special Effects use only.		
Uses advised against	Use of this material is at the sole risk of the purchaser.		
Manufacturer Contact	Roger George Special Effects 14525 Bessemer St Van Nuys, CA, 91411 USA		
	Phone	Emergency Phone	Fax
	(818) 994-3049	(800) 535-5053 #85740	(818) 994-9432

Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category 3 ACUTE TOXICITY - INHALATION - Category 3 ACUTE TOXICITY - ORAL - Category 3 ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 2 CORROSIVE TO METALS - Category 1 EYE DAMAGE/IRRITATION - Category 1 FLAMMABLE LIQUIDS - Category 2 HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 3 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Danger

Pictogram



Hazard Statements

Highly flammable liquid and vapor
Toxic if swallowed, in contact with skin or if inhaled Causes serious eye irritation
May cause drowsiness or dizziness
Causes damage to organs
Suspected of causing cancer
Toxic to aquatic life with long lasting effects Corrosive to all tissues

Precautionary Statements

Prevention

Keep away from heat/sparks/open flame/hot surfaces.
No Smoking
Keep container tightly closed
Do not breathe fume/gas/mist/vapors/spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/ eye protection/ face protection.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. Do not induce vomiting
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF EXPOSED: Call a POISON CENTER or doctor/ physician.
If eye irritation persists: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool, Store locked up.

Disposal

Dispose of contents/ container to an approved waste disposal plant.

Other Hazards

May be corrosive to Aluminum. Heating or fire can release toxic gas. May cause severe irritation and corrosive damage in the mouth, throat and stomach. Inhalation of fumes may result in metal fume fever, a flu-like illness. Could result in pulmonary edema (fluid accumulation). Prolonged or repeated overexposure may cause liver, kidney and blood system effects.

Environmental precautions:
Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-56-1	Methanol	99.99% - Max

Occupational exposure limits, if available, are listed in Section 8.

This Product contains one or more ingredients where the specific chemical identity and exact percentage of composition has been withheld as a trade secret

Section 4. First-Aid Measures

General advice	Move out of dangerous area. Consult a physician, Show this data sheet to the doctor in attendance. Do not leave victim unattended.
Eye Contact	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persist, consult a specialist.
Skin Contact	If on skin, rinse well with water. If on clothes, remove clothes. If irritation develops, consult a specialist.
Inhalation	Move to fresh air. Give oxygen if breathing is difficult. If unconscious, place in recovery position and seek medical advice. If symptoms persist, contact a specialist.
Ingestion	Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take a victim immediately to hospital.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Alcohol-resistant foam. Carbon dioxide (CO2) Dry Chemical
Unsuitable Extinguishing Media	Do not use high volume water jet.
Specific Hazards during fire fighting	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion Products	Carbon oxides, Formaldehyde, toxic fumes
Fire fighting instructions	Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6. Accidental Release Measures

Personal Precautions	Wear protective equipment. Keep unnecessary and unprotected personnel away.
General Information	Vapors may ignite explosively & spread long distances. Prevent vapor buildup
Evacuate	Evacuate personnel to safe areas.
Spills/Leaks	Ventilate area of leak or spill.
Clean-up	Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.) Stop spill at source. Dike and contain. Collect leaking liquid in sealable containers. Wash away remainder with plenty of water. Avoid runoff into storm sewers and ditches which lead to waterways.

Section 7. Handling and Storage

Handling Use with adequate ventilation. Avoid formation of aerosol. Do not breath vapor. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited while using the product.

Storage Keep container tightly closed in a dry and well ventilated place.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TWA	OSHA Z1	STEL
	Methanol	200 PPM S	200 PPM S	250 PPM

Personal Protective Equipment Goggles, Gloves, Apron, Respirator

Respirators A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Hygienic Practices Avoid contact with skin, eyes and clothing.
Wash at end of each work shift & before eating, smoking or using the toilet.
Promptly remove clothing that becomes contaminated. Launder or discard contaminated clothing before reuse. Destroy contaminated leather articles.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	clear
Odor	Alcohol like
Odor Threshold	4.2-5960 PPM
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.796
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	36.5 F
FP Method	Closed cup
Ph	7
Melting Point	-144 F
Boiling Point	148.1 F
Boiling Range	N/A
LEL	6
UEL	36.5
Evaporation Rate	N/A
Flammability	Highly
Decomposition Temperature	N/A
Auto-ignition Temperature	867 F
Vapor Pressure	96.00 mm Hg
Vapor Density	1.11

Section 10. Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions	Vapors may form explosive mixture with air.
Conditions to Avoid Incompatibilities	Keep away from heat, sparks, and flame. Exposure to moist air or water. Incompatible with oxidizing agents and strong acids.
Hazardous Decomposition	Burning produces noxious and toxic fumes. Carbon oxides and formaldehyde.

Section 11. Toxicological Information

Acute inhalation toxicity : Assessment: The component/mixture is toxic after short term inhalation.
Remarks: Supporting toxicological evidence is limited for this classification. This harmonized classification will replace the indicated classification due to industry leaders and the EU Harmonized Classification (Annex VII).

Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin.

Carcinogenicity **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure

Components:

67-56-1:

Target Organs: Eyes, Central nervous system

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

Further information

Product:

Remarks: Solvents may degrease the skin.

Section 12. Ecological Information

General	ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
Plants and Animals	This product may be harmful or fatal to plant and animal life if released into the environment.
Aquatic Life	Very toxic to aquatic life with long lasting effects.
Biodegradability	No data available.
Accumulation	
Acute Toxicity	This product does not accumulate or biomagnify in the environment.

Section 13. Disposal

Compliance	ALL DISPOSAL OF CONTENT AND/OR CONTAINER MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.
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Section 14. Transport Information

UN Number	1230
UN Proper Shipping Name	Methanol, 3
DOT Classification	Flammable Liquid
Packing Group	PG-II

Section 15. Regulatory Information

California Proposition 65	WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.
EPA	Methanol - 67-56-1 250 ppm is an EPA Hazardous Air Pollutant.
SARA TITLE III	Any release equal to or exceeding the RQ (5000.0 LBS) must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State & local regulations may be more restrictive than federal regulations.
Risk	Highly flammable. Irritating to skin / eyes.
SARA 313	PRECIPITATE A: CAS# 7447-39-4 <1.0%.
CERCLA	PRECIPITATE A: CAS# 7447-39-4 <1.0% - Hazardous Substance RQ = 10 lb. PRECIPITATE B: CAS# 127.18-4 - Hazardous Substances RQs - 100 lb 1 lb.
Canada WHMIS Hazard Class	D2B: Irritating to skin / eyes. D2A: Very toxic materials D1B: Toxic materials E: Corrosive material
SARA 313	PRECIPITATE B: CAS# 127.18-4 <1.0%.
SARA 311/312	PRECIPITATE B: CAS# 127.18-4 - Acute health hazard, Chronic health hazard.
California Prop 65	Trade secret - CAS# 127-18-4 - Carcinogen - 14 µg/day.

Section 16. Other Information

Revision Date

9/2/2020

Company Policy/Disclaimer

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