




# Safety Data Sheet

## Fog Oil

### Section 1. Identification

Product Identifier	Fog Oil		
Synonyms	Smoke Oil		
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	Aspiration Toxicity - Category 1
Signal Word	Danger
Pictogram	
Hazard Statements	May be fatal if swallowed and enters airways
Appearance	Straw colored liquid
Physical State	Oily Liquid
Odor	Mild, bland hydrocarbon odor.
	<b>Precautionary Statements - Response</b> IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
	<b>Precautionary Statements - Storage</b> Store locked up
	<b>Precautionary Statements - Disposal</b> Dispose of contents/containers in accordance with local regulations Hazards not otherwise classified None

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
64742-56-9	Petroleum distillates, solvent dewaxed light paraffinic	99.99% - Max

## Section 4. First-Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
<b>Skin contact</b>	Avoid contact with skin. Wash with soap and plenty of water. Remove contaminated clothing and shoes. For contact with heated product, flush immediately with plenty of cool water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	Move victim to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	ASPIRATION HAZARD IF SWALLOWED – CAN ENTER LUNGS AND CAUSE DAMAGE. If swallowed, call a poison control center or physician immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### **Most important symptoms and effects, both acute and delayed**

**Symptoms** Not applicable.

### **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## Section 5. Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Foam, water fog, dry chemical, CO2.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Hazardous Combustion Products</b>	Carbon oxides
<b>Advice for Fire Fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas.

**For emergency responders** Remove all sources of ignition. Ventilate the area.

### **Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

### **Methods and material for containment and cleaning up**

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Soak up with inert absorbent material. Check with local, state, and federal authorities as to disposal.

## Section 7. Handling and Storage

### Precautions for safe handling

**Advice on safe handling** Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Wash thoroughly after handling. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. High pressure skin injection is a medical emergency. The injury will not appear serious at first but within a few hours, the affected tissue will appear swollen, discolored and extremely painful. Follow all SDS/label precautions even after container is emptied because it may contain product residue.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** NFPA Class IIIB storage. Combustible liquid. Flash point is greater than 200oF (93.3oC). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

**Incompatible materials** None known based on information supplied.

## Section 8. Exposure Controls/Personal Protection

### Control parameters

**Exposure guidelines** Exposure limits for purified mineral oil as mist: US-ACGIH reports: TWA-5 mg/m<sup>3</sup> and STEL-10 mg/m<sup>3</sup>; US-OSHA PEL 5 mg/m<sup>3</sup>.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical State</b>	Oily liquid	<b>Odor</b>	Mild, bland hydrocarbon odor.
<b>Appearance</b>	Straw colored liquid	<b>Odor threshold</b>	No data available
<b>Color</b>	Straw		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash Point	No data available /	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	
Vapor Density	No data available	
Specific gravity	0.85300	
Water solubility	No data available	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition Temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	

### Other Information

Density	No data available
VOC content (grams/liter)	18.3 Super compliant per Rule 1144

## Section 10. Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Incompatibilities	None under normal processing
Hazardous Decomposition	Carbon oxides

## Section 11. Toxicological Information

### Information on likely routes of exposure

<b>Product Information</b>	Not applicable
<b>Inhalation</b>	This product is not classified as acutely toxic by inhalation.
<b>Eye Contact</b>	This product is not classified as an eye irritant.
<b>Skin contact</b>	This product is not classified as acutely toxic by the dermal route.
<b>Ingestion</b>	This product is not classified as acutely toxic by the oral route.

### Information on toxicological effects

<b>Symptoms</b>	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** This product is not classified as a skin sensitizer.  
**Germ cell mutagenicity** This product is not classified as a germ cell mutagen.  
**Carcinogenicity** Not classified; based on data on components.  
**Reproductive toxicity** Not classified; based on data on components.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** May be fatal if swallowed and enters airways. This product is a Class 1 Aspiration Hazard.

Numerical measures of toxicity - Product Information

**Section 12. Ecological Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence and degradability Inherently biodegradable.

Bioaccumulation Bioaccumulative potential

Mobility No information available.

Other adverse effects Not determined

**Section 13. Disposal**

**Disposal** The generation of waste should be avoided or minimized wherever possible.  
**Compliance** ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. Do not reuse container.

**Section 14. Transport Information**

UN Number N/A  
UN Proper Shipping Name Non-regulated.  
DOT Classification N/A  
Packing Group N/A

**Section 15. Regulatory Information**

**SARA 302 Components** SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302  
**SARA 311/312** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 311/312.  
**Sara Section 313** This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.  
**CERCLA** This product does not contain any "hazardous substances" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.  
**California Prop 65** This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

## Section 16. Other Information

NFPA

Health hazards 1

Flammability 1

Instability 0

Physical and chemical  
properties -



HMIS

Health hazards 1

Flammability 1

Physical hazards 0

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