

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Smoke Canister

**Recommended use of the chemical and restrictions on use:** Used with smoke machines to create smoke

**Manufacturer:** J & M Special Effects  
524 Sackett Street  
Brooklyn, NY 11217

**Telephone:** (718) 875-0140

**Emergency Phone:** Infotrac 1-800-535-5035

**SDS Date of Preparation:** 1/12/16

## 2. HAZARDS IDENTIFICATION

### OSHA/GHS Classification:

Physical	Health
Flammable Aerosol Category 1 Gas Under Pressure: Compressed Gas	Aspiration Hazard Category 1

### GHS Label Elements:

Danger!



### Statements of Hazard

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.

### Precautionary Statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
Do NOT induce vomiting.  
Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F). Store in a well-ventilated place.  
Dispose of contents and container in accordance with local, regional and national regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
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White mineral oil	8042-47-5	90%
Liquefied petroleum gas	68476-86-1	10%

**The exact concentration is being withheld as a trade secret.**

#### 4. FIRST AID MEASURES

**Eye:** Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation persists.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

**Ingestion:** DO NOT induce vomiting. Get immediate medical attention.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Most important Symptoms:** May cause minor eye and skin irritation. Aspiration hazard. May be aspirated into the lungs during swallowing or vomiting and cause severe lung damage.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is required for ingestion.

#### 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use dry chemical, carbon dioxide, alcohol resistant foam or water spray to extinguish. Solid water jets may not be effective and may spread fire. Cool fire exposed containers and structures with water.

**Specific hazards arising from the chemical:** Extremely flammable aerosol. Contents under pressure. Keep away from ignition source and open flames. Exposure of containers to heat and flames can cause them to rupture, often with violent force.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Use shielding to protect against bursting cans. Caution: Contents are a slip hazard.

**Explosion Data (sensitivity to mechanical impact or static discharge):** None known.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Evacuate spill area and keep unprotected personnel away. Eliminate all sources of ignition. Wear appropriate protective clothing and equipment.

**Methods and Materials for Containment and Cleaning Up:** Place leaking can in a pail in a well-ventilated area away from ignition sources until pressure has dissipated. Collect liquid using inert material and place into a suitable container for disposal.

#### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes. Avoid prolonged or repeated skin contact. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep product away from heat, direct sunlight and all sources of electricity. Keep out of the reach of children. Do not puncture or incinerate containers. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. U.F.C. (NFPA 30B) Level 3 Aerosol.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:**

White mineral oil	5 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable) 5 mg/m <sup>3</sup> TWA OSHA PEL (as oil mist, mineral)
Liquefied petroleum gas	1000 ppm TWA OSHA PEL

**Engineering Controls:** Use with general or adequate local exhaust ventilation to maintain exposures below occupational exposure limits.

**Respiratory Protection:** If the occupational exposure limits are exceeded, an approved respirator with inorganic vapor filters appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Wear impervious gloves if needed to avoid prolonged skin contact.

**Eye Protection:** Safety glasses or goggles recommended to avoid eye contact.

**Other:** Suitable washing facilities should be available in the work area.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Transparent/water white odorless liquid in an aerosol can.

<b>Physical State:</b> Liquid in aerosol can	<b>Odor Threshold:</b> Not determined
<b>Vapor Density:</b> > 1	<b>Initial Boiling Point/Range:</b> No data available
<b>Solubility In Water:</b> Negligible	<b>Vapor Pressure:</b> <0.01 kPa @ 20°C (68°F) (mineral oil)
<b>Relative Density:</b> 0.81 - 0.87 @ 15.5°C (60°F)	<b>Evaporation Rate:</b> < 1 (Buac = 1)
<b>Melting/Freezing Point:</b> -60°C - -9°C (-76°F - 15.8°F) (mineral oil)	<b>pH:</b> Not determined
<b>VOC Content:</b> Not determined	<b>Octanol/Water Coefficient:</b> Not determined
<b>Solubility:</b> Negligible in water	<b>Decomposition Temperature:</b> Not determined
<b>Viscosity:</b> No data available	<b>Flammability(solid, gas):</b> Not applicable
<b>Flashpoint:</b> >112°C (233.6°F)	<b>Autoignition Temperature:</b> Not determined
<b>Flammable Limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable

### 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Keep away from excessive heat, sparks and open flames. Containers may rupture at temperatures > 120°F (48.8°C). Do not puncture or incinerate containers.

**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** When heated to decomposition emits oxides of carbon.

### 11. TOXICOLOGICAL INFORMATION

**HEALTH HAZARDS:**

**Ingestion:** May cause intestinal discomfort which may result in slight nausea and diarrhea. Aspiration hazard. May be aspirated into the lungs during swallowing or vomiting and cause severe lung damage.

**Inhalation:** Inhalation may cause irritation of the nose throat and upper respiratory tract.

**Eye:** May cause mild irritation.

**Skin:** May cause mild irritation on prolonged or repeated contact.

**Sensitization:** This material is not known to cause sensitization.

**Chronic:** None known.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Germ Cell Mutagenicity:** None currently known.

**Reproductive Toxicity:** None currently known.

**Numerical Measures of Toxicity:**

Mineral oil: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 5 mg/L/4 hr, dermal rabbit LD50 > 2000 mg/kg

Liquefied petroleum gas: No data available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Mineral oil: Oncorhynchus mykiss LL50 > 100 mg/L/96 hr

This product is not expected to be harmful to the environment.

**Persistence and Degradability:** <5% after 28 days

**Bioaccumulative Potential:** log POW <0

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended. Do not puncture or incinerate containers.

**14. TRANSPORT INFORMATION**

**DOT Hazardous Materials Description:**

Proper Shipping Name: Aerosols

UN Number: UN1950

Hazard Class/Packing Group: 2.1, Ltd Qty

Labels Required: None

**15. REGULATORY INFORMATION**

**CERCLA:** This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute Health, Fire Hazard, Sudden Release of Pressure

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**International Inventories:**

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substance List (DSL.)

<b>16. OTHER INFORMATION</b>
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**NFPA Rating:** Health = 1      Flammability = 4      Instability = 0  
**HMIS Rating:** Health = 1      Flammability = 4      Physical Hazard = 0

**Date of current revision:** 1/12/16

**Revision History:** Updated format and all sections to comply with OSHA GHS.

**Date of previous revision:** 3/19/08

**NOTICE**

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. J&M Special Effects shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.