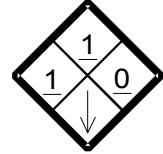


Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

HMIS RATING

# MATERIAL SAFETY DATA SHEET



NFPA RATING

## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION (DISTRIBUTOR, NOT MANUFACTURER)

**TRADE NAME:** Smoking Airplanes Smoke Oil

**MSDS NUMBER:** A

**GENERIC NAME:** Petroleum Lubricant

**DATE ISSUED:** 01-01-09

**DISTRIBUTED BY:** Smoking Airplanes LLC **DISTRIBUTOR (call for manufacturer info):** 661-713-9050

**ADDRESS:** 4021 Stetson Ave.

**DISTRIBUTOR EMAIL:** john@smokingairplanes.com

**CITY, STATE, ZIP:** Rosamond, CA 93560

**EMERGENCY ONLY (Chemtrec):** 800-424-9300

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	%	TLV	PEL
Mineral oil (Petroleum Hydrocarbon)	64742-54-7	variable	5 mg/m <sup>3</sup> *	5 mg/m <sup>3</sup>

\*NOTE: TLV/PEL apply when in a mist form.

## SECTION III - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Petroleum derived mineral oil of generally low toxicity.

**HMIS RATING: Health: 1**

**Fire: 1**

**Reactivity: 0**

**Personal Prot.: B**

### POTENTIAL HEALTH EFFECTS:

**ROUTES OF ENTRY:** Inhalation (mist), skin, eyes, ingestion

**INHALATION:** Inhalation of mists can cause upper respiratory irritation. Inhalation of vapors is not normally a problem due to the low volatility of this product.

**SKIN CONTACT:** May cause mild irritation. Repeated, prolonged skin contact may cause dermatitis. Also, the use of abrasive soaps or solvents to clean skin can promote dermatitis.

**EYE CONTACT:** Mild irritant.

**INGESTION:** Irritating to the GI tract. May cause nausea, vomiting and diarrhea.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Chronic respiratory or skin diseases.

**CARCINOGENICITY:** This product is not classified by NTP, IARC or OSHA.

## SECTION IV - FIRST AID MEASURES

**INHALATION:** Remove to fresh air. If coughing and irritation develop, call a physician.

**EYE CONTACT:** Flush with large amounts of water until irritation subsides. See a physician if irritation persists.

**SKIN CONTACT:** Wash with mild soap and warm water after each exposure. Remove grossly contaminated clothing and launder before re-use. If irritation or redness develops, see a physician.

**INGESTION:** If swallowed, CALL A PHYSICIAN IMMEDIATELY. Due to danger of aspiration, do not induce vomiting.

**NOTE TO PHYSICIAN:** In general, emesis is unnecessary in high viscosity, low volatility products, i.e., most oils and greases.

## SECTION V - FIREFIGHTING MEASURES

**NFPA RATING:** Health: 1 Fire: 1 Reactivity: 0 Other: 0

**FLASHPOINT AND METHOD:** >350°F, 177°C (COC) LEL: ND UEL: ND

**EXTINGUISHING METHOD:** CO<sub>2</sub>, Dry chemical, foam, water spray

**NFPA FIREFIGHTING PROCEDURES:** Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposures.

**FIRE OR EXPLOSION HAZARDS:** Combustible material when exposed to sufficient heat and ignition. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Because of the potential for dense smoke to be created in a fire situation, fire fighters should wear an approved self-contained breathing apparatus.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Prevent entry to sewer or waterway. Mop up small spills with absorbent and discard in a tightly covered approved waste container. For large spills, dike area to prevent spread. Reclaim liquid by pumping into salvage tanks and clean up remainder with absorbent. Unless grossly contaminated, reclaimed material can be recycled.

## SECTION VII - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Store in well ventilated areas at temperatures below 49°C (120°F).

**SPECIAL SENSITIVITY:** Do not store near oxidizers or sources of heat, sparks or flame.

**HANDLING PRECAUTIONS:** Maintain containers upright with caps and bungs tightly secured. To maintain product usefulness, keep tops of barrels free of water at all times. Do not store where container can be subject to rain or water.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Wear safety goggles if splashing or spraying is expected.

**SKIN PROTECTION:** Wear coated gloves impervious to oils, wash clothing before reuse. Wear shoes with soles which are impervious to oils.

**RESPIRATORY PROTECTION:** Not normally required. However, when exposures over the PEL/TLV are encountered and engineering or other controls are not adequate to reduce airborne concentrations to below the PEL/TLV, use a half mask respirator with cartridges approved for use with organic vapors.

**HYGIENIC PRACTICES:** Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and laundry before reuse. Do not use abrasive soaps or solvents.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Oily liquid

**BOILING POINT:** > 374°F

**EVAPORATION RATE (water = 1):** < .01

**Vapor Density (air = 1):** < .1

**SOLUBILITY IN WATER:** Negligible

**SPECIFIC GRAVITY:** .84 to .90

**SECTION X - REACTIVITY**

**STABILITY:** Product is stable under normal conditions.

**HAZARDOUS POLYMERIZATION:** Cannot occur.

**INCOMPATIBILITIES:** Strong oxidizing agents, KOH, NaOH, NaAlH<sub>2</sub>, LiAlH<sub>2</sub>, Chromic Acid.

**DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide from burning. When heated to decomposition, fumes can react with oxidizing materials forming NO<sub>x</sub>, SO<sub>x</sub>, H<sub>2</sub>S.

**CONDITIONS TO AVOID:** Exposure to strong oxidizers, heat, flame, sources of spark or ignition.

**SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION**

**ECOLOGICAL HAZARDS:** Not determined.

**SECTION XII - DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Recycle when appropriate. If heavily contaminated or judged unsuitable for recycling, place waste in suitable approved container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.