

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name Aviation Smoke Oil C13

Other means of identification

Product code GHSRDO0115

Synonyms Not applicable

Recommended use of the chemical and restrictions on use

Recommended Use Smoke Oil.

Uses advised against Not applicable

Details of the supplier of the safety data sheet

Smoking Airplanes
1942 Broadway St., 314C
Boulder CO 80302
855.378.0836

Emergency telephone number

855-378-0836 , Monday to Friday, 9 - 5, Mountain time

Company Phone Number

Chemtrec 1-800-424-9300

Emergency telephone

2. Hazards Identification

Classification This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Aspiration toxicity	Category 1
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Label Elements

Signal word

Danger

Hazard statements

May be fatal if swallowed and enters airways



Appearance

Straw colored liquid

Physical State

Oily liquid

Odor

Mild, bland hydrocarbon odor.

Precautionary Statements - Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/containers in accordance with local regulations

Hazards not otherwise classified None

(HNOC)
 Other Hazards None
 Unknown acute toxicity Not applicable

3. Composition/information on Ingredients

Chemical Name	CAS No	Weight %
Petroleum distillates, solvent dewaxed light paraffinic	64742-56-9	99 - 100

4. First aid measures

FIRST AID MEASURES

Eye Contact 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.

Skin contact 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.

Inhalation Move victim to fresh air. If symptoms persist, call a physician.

Ingestion 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.

5. Fire-fighting measures

Suitable Extinguishing Media Foam, water fog, dry chemical, CO2.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical Not applicable.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact Not applicable.

Sensitivity to Static Discharge Not applicable.

Special protective actions for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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.

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.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines Exposure limits for purified mineral oil as mist: US-ACGIH reports: TWA-5 mg/m³ and STEL-10 mg/m³; US-OSHA PEL 5 mg/m³.

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.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

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

10. Stability and Reactivity

<u>Reactivity</u>	Not applicable.
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<u>Chemical stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	None under normal processing.
<u>Conditions to avoid</u>	Heat, flames and sparks.
<u>Incompatible materials</u>	None known based on information supplied.
<u>Hazardous Decomposition Products</u>	Carbon oxides.

11. Toxicological Information

Information on likely routes of exposure

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

Information on toxicological effects

Symptoms	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**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

13. Disposal Considerations**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations. Do not reuse container.

14. Transport Information

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not determined
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not determined

15. Regulatory information

International Inventories

TSCA	Complies
DSL/NDSL	Not determined
ENCS	Not determined
IECSC	Not determined
KECL	Not determined
PICCS	Not determined
AICS	Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product is not known to contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9		X	

U.S. EPA Label information

EPA Pesticide registration number Not applicable

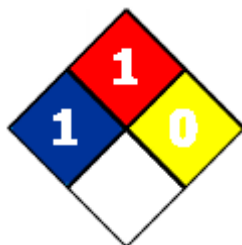
16. Other information

NFPA

Health hazards 1

Flammability 1

Instability 0

Physical and chemical
properties -HMIS

Health hazards 1

Flammability 1

Physical hazards 0

Personal Protection B

Issue date

11-Nov-2015

Revision date

12-Nov-2015

Revision note

Not applicable

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet