

SECTION 1: Identification

1.1. Identification

Product form	: Substance
Substance name	: Isopar™ M Fluid
Chemical name	: Distillates (Petroleum), Hydrotreated Light
CAS-No.	: 64742-47-8
Product description	: Isoparaffinic Hydrocarbon
Other means of identification	: 131070000

1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Solvent
Recommended use	: Industrial use
Restrictions on use	: None known

1.3. Supplier

<u>Atlanta Branch Office</u>	<u>Ocoee Branch Office</u>	<u>Spartanburg Branch Office</u>
Whitaker Oil Company	Whitaker Oil Company	Whitaker Chemicals LLC
1557 Marietta Road NW	280 Enterprise Street	405 John Dodd Road
Atlanta, GA 30318	Ocoee, FL 34761	Spartanburg, SC 29303
404-355-8220 (t)	407-656.0088 (t)	864-578-6968 (t)
404-355-2436 (f)	407-877-8335 (f)	864-578-6864 (f)

WEBSITE: www.whitakeroil.comEMAIL: SDS@whitakeroil.com

1.4. Emergency telephone number

Emergency number	: CHEMTREC 800-424-9300
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SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Aspiration hazard Category 1 H304 May be fatal if swallowed and enters airways

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)	: Danger
Hazard statements (GHS US)	: H304 - May be fatal if swallowed and enters airways
Precautionary statements (GHS US)	: P301+P310 - If swallowed: Immediately call a poison center or doctor P331 - Do NOT induce vomiting. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local regulations.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification	: None as defined under 29 CFR 1900.1200. Material can accumulate static charges which may cause an ignition. May be irritating to the eyes, nose, throat, and lungs. Repeated exposure may cause skin dryness or cracking. NOTE : This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human risks which may vary from person to person.
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2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

This material is defined as a complex substance.

Name	Product identifier	Conc.	GHS US classification
Isopar™ M Fluid (Main constituent)	(CAS-No.) 64742-47-8	100	Asp. Tox. 1, H304

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Launder contaminated clothing.
- First-aid measures after eye contact : Flush thoroughly with water. If irritation occurs, get medical assistance.
- First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after ingestion : Risk of lung edema.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water fog.. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Do not use straight streams of water.

5.2. Specific hazards arising from the chemical

- Fire hazard : Flammable liquid and vapor.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopar™ M Fluid (64742-47-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m ³)	1200 mg/m ³
ACGIH TWA (ppm)	152 ppm

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves.

If prolonged or repeated contact is likely, chemical resistant gloves are recommended. If forearms is likely, wear gauntlet style gloves.

Eye protection:

Safety glasses.

If contact is likely, safety glasses with side shields are recommended.

Skin and body protection:

Wear suitable protective clothing.

If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the supplier for additional information.

- Physical state : Liquid
- Appearance : Liquid.
- Color : Clear; colorless
- Odor : Faint
- Odor threshold : No data available
- pH : No data available
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : 441 - 489 °F
- Flash point : 207 °F (97 °C)

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Relative evaporation rate (butyl acetate=1)	: < 0.01
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 0.003 kPa (0.02 mmHg) at 20 °C
Vapor density at 20 °C	: 6.5 at 101 kPa
Relative density	: No data available
Specific gravity / density	: 790 kg/m ³ (6.59 lbs.gal., 0.79 kg/dm ³)
Solubility	: Negligible
Log Pow	: > 4
Auto-ignition temperature	: 504 °F (419 °F)
Decomposition temperature	: No data available
Viscosity, kinematic	: 2.7 mm ² /s
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizers

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Isopar™ M Fluid (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Viscosity, kinematic : 2.7 mm²/s
Symptoms/effects after ingestion : Risk of lung edema.

SECTION 12: Ecological information

12.1. Toxicity

Isopar™ M Fluid (64742-47-8)	
LC50 fish 1	<=
EC50 Daphnia 1	1000 mg/l
ErC50 (other aquatic plants)	1000 mg/l
LOEC (acute)	1000 mg/l
NOEC (acute)	1000 mg/l
NOEC (chronic)	< 1 mg/l

12.2. Persistence and degradability

Expected to be inherently biodegradable

12.3. Bioaccumulative potential

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

12.4. Mobility in soil

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for land transport

Transportation of Dangerous Goods

Not regulated for land transport

Transport by sea

Not regulated for sea transport

Air transport

Not regulated air transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Isopar™ M Fluid (64742-47-8)	
SARA Section 311/312 Hazard Classes	Health hazard - Aspiration hazard

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

EU-Regulations

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 10/10/2019

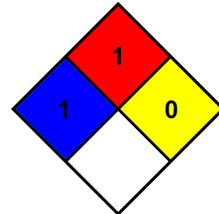
Full text of H-phrases:

H304	May be fatal if swallowed and enters airways
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NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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