

Material Safety Data Sheet

Product Identity: Warren MINERAL SPIRITS

Manufacturers Name: Warren Oil Company, Inc.
PO Box 1507
Dunn, NC 28335

Emergency Assistance: Telephone (910) 892-6456

SECTION 1 – CHEMICAL PRODUCT IDENTIFICATION

Product Name: Warren MINERAL SPIRITS
Chemical Name: Hydrotreated Light Distillate
Chemical Family: Petroleum Hydrocarbon Distillate

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name: Hydrotreated Light Distillate
Concentration % by Volume: 100.0
CAS Number: 64742-47-8

SECTION 3 – HAZARDS IDENTIFICATION

WARNING: Combustible Liquid and Vapor. Harmful if inhaled and may cause delayed lung injury. Can cause nervous system depression. Aspiration hazard if swallowed – can enter lungs and cause damage. Keep away from heat, sparks, and flame. Avoid breathing vapor. Use ventilation adequate to keep vapor below recommended exposure limits. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY:

Skin

Eyes: Tests on similar materials suggest some irritation.

Ingestion: Acute aspiration hazard. Tests on similar materials indicate possibility of the following symptoms: headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression, convulsions, and loss of consciousness.

Inhalation: Tests on similar materials indicate the possibility of the following symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions, and loss of consciousness.

Chronic (Cancer Information): Prolonged and/or repeated contact with this material may product skin and eye irritation. Carcinogen listed by: National Toxicology Program (NO), I.A.R.C. (NO), OSHA (NO), ACGIH (NO)

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

Medical Conditions Aggravated by Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

SECTION 4 – FIRST AID MEASURES

Eyes: Flush eyes immediately with water a minimum of 15 minutes occasionally lifting lower and upper lids. If irritation persists, get medical attention.

Skin: Wash skin thoroughly with soap and water. Immediately remove contaminated clothing and launder before reuse. If irritation or rash develops, obtain medical assistance.

Ingestion: Call a physician immediately. Do not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

Inhalation: Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable Properties

Flash Point: >100 Deg. F >38 Deg. C. Tag Closed Cup

Autoignition: .600 Deg. F >316 Deg. C.

Flammability Class: II

Fire and Explosion Hazards: Can form combustible mixtures with air and flash at room temperature. Explosion hazard in fire situation. Vapor heavier than air and may travel considerable distance to a source of ignition and flash back.

Extinguishing Media: Dry chemical, carbon dioxide, and foam. CAUTION: Water stream may spread fire.

Fire Fighting Instructions: Use water spray only to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

Products of combustion include fumes, smoke and carbon monoxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Notify emergency response personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid. Shut off ignition source. Contain spill and keep from entering waterways or sewers. Use personal protective equipment. Advise EPA; state agency if required. Absorb on inert material. Shovel, sweep or vacuum spill and place in closed container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling and Storage Precautions: Store as OSHA Class II combustible liquid. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. Wash thoroughly after handling. Do not store with strong oxidizers.

Storage Precautions: Empty containers retain product residue (liquid and vapor) and can be dangerous.

Work/Hygienic Practices: Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep oil mists of this material below applicable standard(s). See Section on occupational exposure limits.

Eye/Face Protection: Safety Glasses, splash goggles, or face shield as appropriate. Have suitable eye water wash available.

Skin Protection: Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are neoprene, nitrile, and viton.

Other/General Protection: If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear oil soaked clothing. Launder or dry-clean before wearing. Discard oil soaked shoes. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard).

Loading, unloading, tank gauging, etc., remain upwind. Request assistance of safety and industrial hygiene personnel to determine air concentrations.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Odor: Petroleum Naphtha

Odor Threshold: N.D.

Basic Physical Properties:

Physical State: Liquid

Boiling Point: IBP >310 Deg. F. IBP >154 Deg. C.

Melting Point: N/A Deg. F N/A Deg. C

Vapor Pressure: 6mm Hg @ 100 Deg. F.

Specific Gravity: 0.75 Water+1

Packing Density: N/A

Solubility (H2O): negligible in water

PH: essentially neutral

Viscosity: n/av

Physical data may vary slightly to meet specifications.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid (Stability): Source of ignition

Incompatible Materials: Strong Oxidizers

Hazardous Decomposition Products: Incomplete combustion may produce fumes, smoke, carbon monoxide and other asphyxiants.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Studies

Eye Effects: Irritation on contact.

Skin Effects: May cause irritation or dermatitis with prolonged and repeated contact.

Acute Oral Effects: Tests on similar materials indicate an order of acute oral toxicity.

Acute Inhalation Effects: Acute toxicity expected on inhalation.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

No data given.

SECTION 13 – DISPOSAL CONSIDERATIONS

Follow federal, state and local regulations. If “used”, RCRA criteria must be determined. Do not flush to drain/storm sewer. Contract to authorized disposal service. If permitted incineration may be practical. Recommend recycling.

SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name: Petroleum distillates, nos., Class 3, UN 1268, PG III

Hazard Class: Class 3 Flammable Liquid

DOT Identification Number: UN1268

DOT Shipping Label: DOT Hazardous Material

As specified in 49CFR Section 173.120(b)(2) a Class 3 Flammable Liquid may be reclassified as a combustible liquid.

SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulatory Information:

SARA 302 Threshold Planning Quantity: Not Applicable

SARA 304 Reportable Quantity: Not Applicable

SARA 311 Categories: Immediate (Acute) Health Effect – N
Delayed (Chronic) Health Effect – N
Fire Hazard – Y
Sudden Release of Pressure Hazard – Y
Reactivity Hazard

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

EPA Hazard Classification Code: Not Applicable

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). No chemicals in this product are subject to the reporting requirements of CERCLA.

SARA TITLE – SECTION 313 SUPPLIER NOTIFICATION:

The following chemicals are subject to the reporting requirements of Section 312 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40n CFR Part 372;

N/Av.

SECTION 16 – OTHER INFORMATION

NFPA HAZARD RATING –	Health	1 Slight
	Fire	2 Moderate
	Reactivity	0 Negligible

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