

Humco Holding Group, Inc.
7400 Alumax Drive
Texarkana, TX 75501
903-831-7808

Mineral Oil Heavy USP

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SECTION I PRODUCT IDENTIFICATION

Product Name: Mineral Oil Heavy USP (White Mineral Oil 350 USP)

General or Generic ID: Aliphatic Hydrocarbon

CAS No.: 8042-47-5

Emergency Phone Numbers:

Chemtrec: 1-800-424-9300

Canutec: 613-996-6666 (Outside USA & Canada)

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS No.</u>	<u>% (by weight)</u>
Aliphatic Petroleum distillates	8072-47-5	100.0

SECTION III HAZARDS IDENTIFICATION

Potential Health Effects

Eye Contact: May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin Contact: Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage.

Ingestion: Swallowing small amounts of the material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation: Breathing of vapor or mist is possible.

Symptoms of Exposure: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).

Target Organ Effects: No data.

Cancer Information: No data.

Developmental Information: No data.

Other Health Effects: No data.

Primary Route(s) of Entry: Inhalation, skin contact.

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SECTION IV

FIRST AID MEASURES

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Eye Contact: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Note to Physicians: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 – Ingestion) when deciding whether to induce vomiting. Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

SECTION V

FIRE FIGHTING MEASURES

Flash Point: 445.0°F (229.4°C) COC

Explosive Limit: NA **Autoignition Temperature:** No data.

Hazardous Products of Combustion: May form CO₂ and CO, various hydrocarbons.

Fire & Explosion Hazards: No data.

Extinguishing Media: Regular foam, CO₂, dry chemical.

Fire Fighting Instructions: Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment section of this MSDS.

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Degree of Hazard

4 - Extreme	Flammability	1
3 - High	Health	0
2 - Moderate	Reactivity	0
1 - Slight		
0 - Insignificant		

SECTION VI ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill: Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

SECTION VII HANDLING & STORAGE

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection: Wear resistant gloves such as: neoprene, to prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

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Exposure Guidelines

Component

Aliphatic Petroleum Distillates (8042-47-5) No exposure limits established.

SECTION IX PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: > 450°F (232.2°C) @ 760 mmHg **Vapor Pressure (mm Hg):** NA

Appearance: No data. **Odor:** No data.

% Volatiles: No data. **pH:** NA

Vapor Density (Air=1): NA **Evaporation Rate:** NA

Specific Gravity: .880-.895 @ 60°F **Color:** Clear, +30 saybolt color

State: Liquid **Physical Form:** Neat

Liquid Density: 7.390 lbs/gal @ 60°F
.887 kg/l @ 15.60°C

SECTION X STABILITY & REACTIVITY

Chemical Stability: Stable.

Hazardous Decomposition: May form: CO₂ & CO, various hydrocarbons.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizing agents.

SECTION XI TOXICOLOGICAL INFORMATION

No data.

SECTION XII ECOLOGICAL INFORMATION

No data.

SECTION XIII DISPOSAL CONSIDERATIONS

Waste Management Information: Dispose of in accordance with all applicable local, state and federal regulations.

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SECTION XIV TRANSPORT INFORMATION

DOT information – 49 CFR 172.101 **DOT Description:** Non-regulated by DOT

Container/Mode: 55 gal. drum/truck package **NOS Component:** None.

RQ (Reportable Quantity) – 49 CFR 172.101: NA

SECTION XV REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status: TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4 (a): None Listed

SARA 302 Components – 40 CFR 355 Appendix A: None

SARA 311/312 Hazard Class – 40 CFR 370.2: Immediate

SARA 313 Components – 40 CFR 372.65: None

International Regulations

Inventory Status: Not determined

State & Local Regulations

California Proposition 65: None

SECTION XVI OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.