

Helium Leak Testing, Inc.



19348 Londelius Street, Northridge, CA 91324
P: (818) 349-5690 or (800) 423-1701 F: (818) 717-8584
E-mail: info@heliumleaktesting.com
www.heliumleaktesting.com

MATERIAL SAFETY DATA SHEET

HLT-20 VACUUM PUMP OIL

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VACUUM PUMP 68
PRODUCT NUMBER(S): GW117101, GW117102, GW117104, GW117105
CHEMICAL NAME: MIXTURE
USE: VARIES

SECTION II - MANUFACTURER

NAME: GOLDEN WEST LUBRICANTS, INC.
STREET ADDRESS: 1816 POTRERO AVE. SOUTH EL MONTE, CA 91733-3023
INFORMATION PHONE: (800) 424-9300
TECHNICAL INFORMATION: (626) 443-3441
PRODUCT INFORMATION: (626) 443-3441

SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	% by Wt.	OSHA PEL	TWA (ACGIH)
Distillates, Hydrotreated Heavy Paraffinic	64742-54-7	>10	5mg/m ³ as a mist	5 mg/m ³ as a mist

NOTE:

All the components of this material are listed on the Toxic Substances Control Act Chemical Substances inventory.

SECTION IV – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Prolonged exposure can cause skin irritation
- Keep out of sewers and waterways
- May cause eye irritation

Potential Health Effects

EYE:	May cause stinging irritation, tearing, or redness.
SKIN CONTACT:	Repeated or prolonged contact may cause dryness or irritation.
INGESTION:	May cause mouth and throat irritation when swallowed; ingestion of large quantities may cause discomfort.
INHALATION:	If used in applications where mist is generated, may cause irritation to nose and throat.
SIGNS & SYMPTOMS OF EXPOSURE:	Irritation to skin, watering or redness in eyes, discomfort, throat irritation if swallowed.

SECTION V – FIRST AID MEASURES

EYE:	Flush with water. If irritation occurs call for medical assistance.
SKIN CONTACT:	Remove contaminated clothing. Wash with soap and water. Call for medical attention if symptoms prevail.
INGESTION:	DO NOT induce vomiting. Get medical assistance
INHALATION:	Remove person to fresh air. Call for medical attention if needed.

SECTION VI – FIRE FIGHTING MEASURES

Flash Point:	>300°F	Method:	ASTM D-92
Flammable Limits (% by volume in air):	Lower: ND	Upper:	ND
Extinguishing Media:	Dry chemical, Carbon dioxide, Water fog, Foam		
NFPA Ratings:	Health- 1	Flammability- 1	Reactivity- 0
	<i>(0 – Insignificant, 1 – Slight, 2 – Moderate, 3 – High, 4 – Extreme)</i>		
Fire Fighting Instructions:	Wear protective clothing and self-contained breathing apparatus. Extinguish with foam, dry chemical, carbon dioxide.		
Combustion or Decomposition Products:	May cause dense smoke, oxides of carbon, nitrogen, sulfur and phosphorus.		

SECTION VII – ACCIDENTAL RELEASE MEASURES

Chemtrec Emergency Number (24 hrs): (800) 424-9300
 U.S. Coast Guard National Response Center: (800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn/ see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

SECTION VIII – HANDLING AND STORAGE

Handling and Storage: Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after handling. Follow all MSDS/label precautions after container is emptied because they may retain product residues. Store in a cool, dry place. Keep containers closed when not in use.

Read and follow all precautions on product label

SECTION IX – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection: Use chemical goggles or face shield.

Skin Protection: Contact may be minimized by wearing protective clothing and oil resistant gloves.

Respiratory Protection: Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space. For other poorly ventilated areas and large spill clean-up sites.

Engineering Controls: Good general ventilation should be sufficient to control airborne levels below exposure limits. A local exhaust is recommended in enclosed areas.

Clothing Recommendation: Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could entrap and cause a skin reaction.

SECTION X – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw Liquid
Odor:	Mild Hydrocarbon
Specific Gravity (water =1):	0.87
Viscosity cSt @ 40°C:	64.6-71.4
Flash Point:	>300°F
PH (as is):	ND
PH (dilute) @ 5%:	ND
Solubility in Water (%)	0
Vapor Pressure (mm Hg):	ND
Vapor Density (air = 1):	ND
Volatile Organic Compound:	ND

SECTION XI – STABILITY AND REACTIVITY

Hazardous Decomposition Products: May cause dense smoke, oxides of carbon, nitrogen, sulphur and phosphorus.

Chemical Stability: Material is normally stable at room temperature and pressure. See the Handling and Storage section for further details.

Conditions to Avoid: Excessive heat or flames

Incompatibility with other Materials: Oxidizing or acidic materials

Hazardous Polymerization: Will not occur

SECTION XII – TOXICOLOGICAL INFORMATION

No information available at present time.

SECTION XIII – ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept out of sewage and drainage systems and bodies of water.

SECTION XIV – DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. Golden West Lubricants, Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (626) 443-3441.

SECTION XV – TRANSPORT INFORMATION

DOT Shipping Name: Not regulated
DOT Hazard Class: Not regulated
DOT Packaging Group: NA
DOT/UN Identification: NA
Additional Information:

SECTION XVI – REGULATORY INFORMATION

TSCA Status: All components are listed in TSCA inventory.

CERCLA Reportable Quantity: This product does not contain any RQ substances.

SARA Title III. Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous Substances: Not an extremely hazardous substance

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects: No
Delayed (Chronic) Health Effects: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactivity Hazard: No
Carcinogenicity Status: Constituents not listed by: IARC, NTP, OSHA

SARA 313 Toxic Chemical Release Reporting:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% in Product</u>
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This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

SECTION XVII – OTHER INFORMATION

Label Hazard Ratings:**NFPA**

Fire – 1

Health - 1

Reactivity – 0

Specific Hazard - none

HMS

Fire – 1

Health – 1

Reactivity – 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised

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