

MATERIAL SAFETY DATA SHEET

Premium AW Hydraulic Oil 320

Date Prepared: 08/01/1998

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name

Premium AW Hydraulic Oil 320

Product Number(s)

GW114001, GW114002, GW114004, GW114005

Chemical Name

Mixture

Use

Varies

Company Identification

GoldenWest Lubricants, Inc.
1816 Potrero Avenue
South El Monte, CA 91733-3023

Telephone Numbers

Emergency: Chemtrec (24 hr) (800) 424-9300
Technical Information: (800) 540-5823
Product Information: (800) 966-5823

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

<u>Components</u>	<u>CAS No.</u>	<u>% by Wt.</u>	<u>OSHA PEL</u>	<u>TWA (ACGIH)</u>
Distillates, Hydrotreated Heavy Paraffinic	64742-54-7	>10	5mg/m ³ as a mist	5mg/m ³ as a mist
Solvent Refined Heavy Napthenic Distillate	64741-96-4	>10	5mg/m ³ as a mist	5mg/m ³ as a mist

NOTE:

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

3. 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 and Symptoms of Exposure: Irritation to skin, watering or redness in eyes, discomfort, throat irritation if swallowed.

4. FIRST AID MEASURES

Eye: Flush with water. If irritation occurs call for medical assistance.

Skin: 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.

5. 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

(0 - Insignificant, 1 - Slight, 2 - Moderate, 3 - High, 4 - Extreme)

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, sulphur, phosphorus and zinc.

6. 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.

7. 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

8. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw Liquid
Odor:	Mild Hydrocarbon
Specific Gravity (water = 1):	0.89
Viscosity cSt @ 40°C:	304-336
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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

No information available at present time.

12. 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.

13. 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. GoldenWest Lubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (626) 443-3441.

14. TRANSPORT INFORMATION

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

15. 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

16. OTHER INFORMATION

Label Hazard Ratings:NFPA

Fire - 1

Health - 1

Reactivity - 0

Specific Hazard - none

HMIS

Health - 1

Fire - 1

Reactivity - 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

Supersedes: 09/28/1996

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

NA - Not Applicable

ND - Not Determined