Gulf Harmony® AW Hydraulic Fluid

SDS - Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Gulf Harmony® AW Hydraulic 22, 32, 46, 68, 100, 150
Other means of identification: Industrial Hydraulic Fluid
SDS Number: 334225
CAS Number: Blend
CHEMTREC: EMERGENCY CONTACT 1-800-424-9300

Supplier:
Nu-Tier Brands, Inc., Tulsa, OK
Under License from Gulf Oil LP
TECHNICAL CONTACT NUMBER: 918-550-8026, Ext. 507
www.gulflubricants.net

2. HAZARDS IDENTIFICATION

Classified Hazards
This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other Hazards
None Known

Label Elements
No classified hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Distillates, petroleum, solvent dewaxed heavy paraffinic	64742-65-0	0-95%
Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4	0-75%
Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	0-45%
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	0-30%
Non-Hazardous material	VARIOUS	<5%

The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

4. FIRST AID MEASURES

INHALATION FIRST AID: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

SKIN CONTACT FIRST AID: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

EYE CONTACT FIRST AID: Flush with water for several minutes. If effects occur, consult a physician.

INGESTION FIRST AID: Rinse mouth with water. If symptoms develop, obtain medical attention.

5. FIREFIGHTING MEASURES

NFPA 704 Hazard Class
Health: 0 **Flammability**: 1 **Instability**: 0

0 (Minimal)
1 (Slight)
2 (Moderate)
3 (Serious)
4 (Severe)

Extinguishing Media: Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F/100°C. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Specific hazards arising from the chemical:

Unusual Fire & Explosion Hazards: This material may burn, but will not ignite readily. If container is not properly cooled, it can rupture in the heat of a fire.

Hazardous Combustion Products: Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

Special protective actions for firefighters: For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done safely. Avoid spreading burning liquid with water used for cooling purposes.

See Section 9 for Flammable Property Including Flash Point

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material.
Collect in suitable and properly labeled containers.
Pick up excess with inert absorbent material.
Keep away from drains and ground water.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:
Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Handle with care and avoid spillage on the floor (slippage).

STORAGE REQUIREMENTS:
Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

PERSONAL PROTECTIVE EQUIPMENT:
Use of safety glasses and gloves are recommended.

Chemical Name	ACGIH	OSHA	Other
Distillates, petroleum, solvent-dewaxed heavy paraffinic	TWA: 5mg/m^3 STEL: 10mg/m^3 As Oil Mist, if Generated	TWA: 5mg/m^3 As Oil Mist, if Generated	
Distillates, petroleum, solvent-refined heavy paraffinic	TWA: 5mg/m^3 STEL: 10mg/m^3 As Oil Mist, if Generated	TWA: 5mg/m^3 As Oil Mist, if Generated	
Distillates, petroleum, hydrotreated heavy paraffinic	TWA: 5mg/m^3 STEL: 10mg/m^3 As Oil Mist, if Generated	TWA: 5mg/m^3 As Oil Mist, if Generated	
Distillates, petroleum, solvent-dewaxed light paraffinic	TWA: 5mg/m^3 STEL: 10mg/m^3 As Oil Mist, if Generated	TWA: 5mg/m^3 As Oil Mist, if Generated	

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: **Data represents typical values and are not intended to be specifications.**

Appearance:	Amber
Physical State:	Liquid
Viscosity:	4.0-15.6 cSt @ 100°C; 19.5-165.0 cSt @40°C
Solubility:	Nil in water
Flash Point:	>400°F / >204°C

10. STABILITY AND REACTIVITY

REACTIVITY: Not chemically reactive.
CHEMICAL STABILITY: Stable under normal ambient and anticipated conditions of use.
POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reactions not anticipated.
CONDITIONS TO AVOID: Avoid all possible sources of ignition. Extended exposure to high temperatures can cause decomposition.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents and strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Not anticipated under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an oil acne.
No test data available on product.
No component is listed as a carcinogen, mutagen, or teratogen.
LD50/LC50 – No data available.

12. ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.
Do not flush to surface water or drains.

14. TRANSPORTATION INFORMATION

Not regulated by DOT

15. REGULATORY INFORMATION

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Nu-Tier Brands, Inc.. The data on this sheet are related only to the specific material designated herein. Nu-Tier Brands, Inc. assumes no legal responsibility for use or reliance upon these data.

END OF MSDS