

SAFETY DATA SHEET

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SECTION 1 : IDENTIFICATION

1.1 Product Name : FOVAC MHL Hydraulic Oil AWS 32
1.2 Manufacturer : Fovac Superior Ind. Inc. USA
1.3 Address : Airways Boulevard, Chattanooga, TN 37421
1.4 Product type : Lubricant
1.5 Chemical type : Mixture
1.6 Manufacture's Code : AVR5211DDH
1.7 Type of Container : Drums

SECTION 2 : HAZARD IDENTIFICATION

The ingredients in this product mixture have been evaluated and classified according to the hazard classification requirements of 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and 2015 Canadian WHMIS Standard. The resulting hazard classification(s) and required label elements are reported in this section.

Label elements	NFPA Code: Health-0, Flammability-1, Reactivity-0 HMIS Code: Health-0, Flammability-1, Reactivity-0
Signal Word	None
Hazard statements	None.
Other Information	Other hazards None known based upon available information.
Hazards not otherwise classified (HNOC)	None known based upon available information.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Family : Refined petroleum hydrocarbon oil and Additives
3.2 CAS Number : 64742-49-0 and mixture

SECTION 4 : FIRST AID MEASURES

4.1 Effects : No significant signs.

4.2 Emergency & First Aid Procedure

Ingestion : Do not induce vomiting or rinse mouth, transport to the infirmary.

Eyes Contact : No irritation on short term contact.

Skin Contact : No irritation.

Inhalation : No significant advance effect expected.

SECTION 5 : FIRE AND EXPLOSION HAZARD DATA

- 5.1 Stability : Stable under normal conditions
- 5.2 Conditions to avoid : Flame or spark, do not heat product as it might decompose
- 5.3 Hazardous Polymerization : N/A
- 5.4 Materials to avoid : None Known

SECTION 6 : ACCIDENTAL RELEASE MEASURES

- 6.1 Minor leak : Use an inert substance (sand, etc.) to absorb the product, place everything in a closed container, remove to safe place
- 6.2 Major Leaks : Try to contain product and pump into a container
- 6.3 Waste Disposal : Controlled incineration

SECTION 7 : HANDLING AND STORAGE

- 7.1 Storage : Inside a store or outside, away from heat.
- 7.2 Handling : Preferably in enclosed area. Provide for collection and run-off for accidental spills.
- 7.3 In All Cases : Fire prevention measures (no smoking in the work areas).

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Ventilation : Normal conditions
- 8.2 Respiratory Protection : N/A
- 8.3 Hand Protection : N/A
- 8.4 Eye Protection : N/A
- 8.5 Other Protective : Apron if there is risk of splattering.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical Form : Clear, amber liquid
- 9.2 Flash Point, °C : 238
- 9.3 Volatile by Volume : Nil
- 9.4 Specific Gravity @15.4°C : 0.86
- 9.5 Viscosity @ 40°C : 32
- 9.6 Pour Point, °C : -33
- 9.7 Viscosity Index : 118
- 9.8 Solubility in water : Negligible

SECTION 10 : STABILITY AND REACTIVITY

- 10.1 Stability : Material is stable under normal conditions.
10.2 Conditions to Avoid: Avoid heat and open flames.
10.3 Materials to Avoid : Avoid contact with strong oxidizing agents.
10.4 Hazardous Decomposition Products : Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones and other unidentified organic compounds may be formed upon combustion.

SECTION 11 : TOXICOLOGY INFORMATION

- 11.1 Health Effects :
Skin : No significant effect.
Eyes : May cause temporary discomfort.
Inhalation : No significant effect.
Ingestion : No significant effect.
11.2 Other Effect : No chronic effects known from short & long term exposures.
Non- carcinogenic, non mutagenic and non-teratogenic.
11.3 LD₅₀ dermai² (Rat) : Not determined.

1. Based on product test data and assessment from related products.
2. Based on values reported in literature.

SECTION 12 : ECOLOGICAL INFORMATION

- 12.1 Mobility : Not known.
12.2 Persistence & Degradability : Not known. Non-biodegradable.
12.3 Bio-accumulative Potential : Not known.
12.4 Ecotoxicity : Not known.
12.5 Behaviour in Sewage : No significant effect.

SECTION 13 : DISPOSAL CONSIDERATIONS

- 13.1 Product Disposal : Can be incinerated or burnt in accordance with national or regional regulations.
13.2 Packaging Disposal : Can be disposed of in accordance with national or regional regional regulations

SECTION 14 : TRANSPORT INFORMATION

- 14.1 UN No. : Not applicable.
14.2 Road & Rail Transport : Not restricted.
14.3 GGVS/GGVE : Not restricted.
14.4 IMDG Code : Not applicable.
14.5 Air Transport : Not restricted

SECTION 15 :REGULATORY INFORMATION

- 15.1 Health & Safety : Not applicable.
Information on Labels :
C.P.L. Safety Phrases :
C.P.L. Risk Phrases :
15.2 EINECS : All ingredients listed or exempt.

SECTION 16 :OTHER INFORMATION

16.1

This Material Safety Data Sheet (MSDS) has been newly reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-1998). We encourage you to take the opportunity to read the MSDS and review the information contained therein.

SECTION 17 :LABEL INFORMATION

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT. THIS LABEL COMPLIES WITH THE REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) FOR USE IN THE WORKPLACE. THIS LABEL IS NOT INTENDED TO BE USED WITH PACKAGING INTENDED FOR SALE TO CONSUMERS AND MAY NOT CONFORM WITH THE REQUIREMENTS OF THE CONSUMER PRODUCT SAFETY ACT OR OTHER RELATED REGULATORY REQUIREMENTS.

ATTENTION!

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE OIL ACNE OR DERMATITIS. HIGH-PRESSURE INJECTION UNDER SKIN MAY CAUSE SERIOUS DAMAGE.

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