

# SAFETY DATA SHEET



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name:** MFA OIL PREM ATF TYPE F  
**Product Code:** FA06TF55, ATF00008

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use:** Automatic Transmission Fluid  
**Recommended restrictions:** Not applicable

### 1.3. Details of the supplier of the safety data sheet

**Manufacturer:** MFA Oil Company  
One Ray Young Drive  
Columbia, MO 65201  
**Information Phone:** (800) 827-0116  
**E-mail:** sds@wd-wpp.com

### 1.4. Emergency telephone number

**Emergency phone number:** CHEMTREC: +1 (800) 424-9300  
International: +01 (703) 527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified under GHS

### 2.2. Label elements

### 2.3. Other hazards

**Hazards not otherwise classified:** Avoid prolonged or repeated skin contact with used fluid.

Unknown acute toxicity (GHS-US)

## SECTION 3: Composition/information on ingredients

Chemical Name	%	CAS #	GHS Classification
Petroleum distillates, hydrotreated heavy paraffinic	90 - 99	64742-54-7	Acute Tox. 4; H332 Acute Tox. 3; H331
Petroleum distillates, solvent-refined heavy paraffinic	1 - 5	64741-88-4	Acute Tox. 4; H332 Acute Tox. 3; H331

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.  
**Eyes** Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.  
**Skin Contact** Wash with soap and water. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.  
**Ingestion** Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

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## SECTION 4: First aid measures

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** Not determined

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to Doctor** Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable and Unsuitable Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

### 5.2. Special hazards arising from the substance or mixture

**Fire and/or Explosion Hazards** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

### 5.3. Advice for firefighters

**Fire Fighting Methods and Protection** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

**Hazardous Combustion Products** Carbon monoxide, Smoke

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**General Measures:** No health effects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

### 6.2. Environmental precautions

Do not flush to sewer.

Avoid runoff into storm sewers and ditches that lead to waterways.

Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.

Avoid runoff into storm sewers and ditches that lead to waterways.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so.

Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. {EMSFORM\_06GHS\_CLEAN}

### 6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials.

### Incompatible materials

See Section 10.

### 7.3. Specific end use(s)

Automatic Transmission Fluid

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m3

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>
None.	IDLH	
None.	OSHA PEL-Skin Notation	

### 8.2. Exposure controls

#### Engineering Measures

Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

#### Respiratory Protection

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

#### Respirator Type(s)

None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

#### Eye Protection

No special requirements under normal industrial use.

#### Skin Protection

Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

#### Gloves

Neoprene, Nitrile

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Red
Odor	Mild
Odor threshold	Not determined
pH	Not determined
Freezing point	Not determined
Boiling Point	Not determined
Flash Point	207
Flash Point Method	COC
Evaporation Rate	Not determined
Upper Flammable/Explosive Limit, % in air	= 10
Lower Flammable/Explosive Limit, % in air	= 1
Flammability (solid, gas)	Not applicable
Vapor pressure	<0.20
Vapor Density	Not determined
Relative Density	0.86
Solubility in Water	Insoluble
Octanol/Water Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity(°C)	38.11

### 9.2. Other information

Volatiles, % by weight	0.000000
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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	No data available.
<b>10.2. Chemical stability</b>	Stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>10.4. Conditions to avoid</b>	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).
<b>10.5. Incompatible materials</b>	Strong oxidizing agents
<b>10.6. Hazardous decomposition products</b>	Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Ingestion Toxicity</b>	Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death. Estimated to be 2.0 - 5.0 g/kg.
<b>Skin Contact</b>	This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.
<b>Absorption</b>	Likely to be practically non-toxic based on animal data.
<b>Inhalation Toxicity</b>	No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
<b>Eye Contact</b>	This material is likely to be non-irritating to eyes based on animal data. No hazard in normal industrial use.
<b>Sensitization</b>	Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.
<b>Reproductive and Developmental Toxicity</b>	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
<b>Specific target organ toxicity-Single exposure</b>	Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.
<b>Specific target organ toxicity-Repeated exposure</b>	Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.
<b>Aspiration toxicity</b>	Non-hazardous under Aspiration category.
<b>Other information</b>	No data available.

### Agents Classified by IARC Monographs

Arsenic	IARC Group 1
Benzene	IARC Group 1
Cadmium	IARC Group 1
Lead	IARC Group 2A
Naphthalene	IARC Group 2B
Lead	IARC Group 2B
ethylbenzene	IARC Group 2B

### National Toxicity Program (NTP) Status

Arsenic	Known Human Carcinogen
Benzene	Known Human Carcinogen
Cadmium	Known Human Carcinogen
Naphthalene	Reasonably Anticipated To Be A Human Carcinogen
Lead	Reasonably Anticipated To Be A Human Carcinogen

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## SECTION 12: Ecological information

### 12.1. Toxicity

**Acute Aquatic ecotoxicity:** Non-hazardous under Aquatic Acute Environment category.

**Chronic Aquatic ecotoxicity:** Non-hazardous under Aquatic Chronic Environment category.

### 12.2. Persistence and degradability

Biodegrades slowly.

### 12.3. Bioaccumulative potential

Bioconcentration may occur.

### 12.4. Mobility in soil

This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

Not determined

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal Methods

Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

#### Waste Disposal Code(s)

#### Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

#### Contaminated packaging:

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

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Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

## SECTION 14: Transport information

**DOT Basic Description** Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

## SECTION 15: Regulatory information

### Chemical Inventories

**TSCA Status** All components of this material are on the US TSCA Inventory or are exempt.

**U.S. State Restrictions:** Not applicable

**WHMIS:** Uncontrolled product according to WHMIS classification criteria.

Chemical Name	Regulation	CAS #	%
None.	CERCLA		
Toluene	SARA 313	108-88-3	0.001- 0.01
Naphthalene	SARA 313	91-20-3	<10ppm
Diphenylamine	SARA 313	122-39-4	<10ppm
Arsenic	SARA 313	7440-38-2	<10ppm
Lead	SARA 313	7439-92-1	<10ppm
Benzene	SARA 313	71-43-2	<10ppm
Cadmium	SARA 313	7440-43-9	<10ppm
ethylbenzene	SARA 313	100-41-4	<10ppm
None.	SARA EHS		
None.	TSCA 12b		

### U.S. State Regulations

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Chemical Name	Regulation	CAS #	%
Naphthalene	California Prop 65- Cancer	91-20-3	<10ppm
Trimethyl phosphate	California Prop 65- Cancer	512-56-1	<10ppm
Lead	California Prop 65- Cancer	7439-92-1	<10ppm
Benzene	California Prop 65- Cancer	71-43-2	<10ppm
Cadmium	California Prop 65- Cancer	7440-43-9	<10ppm
ethylbenzene	California Prop 65- Cancer	100-41-4	<10ppm
Toluene	California Prop 65- Dev. Toxicity	108-88-3	0.001- 0.01
Sulfur dioxide	California Prop 65- Dev. Toxicity	7446-09-5	0.001- 0.01
Lead	California Prop 65- Dev. Toxicity	7439-92-1	<10ppm
Benzene	California Prop 65- Dev. Toxicity	71-43-2	<10ppm
Cadmium	California Prop 65- Dev. Toxicity	7440-43-9	<10ppm
Lead	California Prop 65- Reprod -fem	7439-92-1	<10ppm
Lead	California Prop 65- Reprod-male	7439-92-1	<10ppm
Benzene	California Prop 65- Reprod-male	71-43-2	<10ppm
Cadmium	California Prop 65- Reprod-male	7440-43-9	<10ppm
None.	Massachusetts RTK List		
None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Rhode Island RTK List		
None.	Minnesota Hazardous Substance List		

**HMIS Ratings:**

Health: 1  
 Fire: 1  
 Reactivity: 0  
 PPE: B

**NFPA Ratings:**

Health: 1  
 Fire: 1  
 Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

**SECTION 16: Other information**

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**Supersedes:** 4/2/2015 12:16:02 AM  
**References** ACGIH: American Conference of Governmental Industrial Hygienists  
 AIHA: American Industrial Hygiene Association  
 CFR: Code of Federal Regulations  
 DOT: United States Department of Transportation  
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
 HMIS: Hazardous Materials Identification System  
 IARC: International Agency for Research on Cancer

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## SECTION 16: Other information

IATA: International Air Transportation Association  
IDLH: Immediately Dangerous to Life or Health  
IMDG: International Maritime Dangerous Goods  
NFPA: National Fire Protection Association  
NIOSH: National Institute for Occupational Safety and Health  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
RTK: Right-to-Know  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short-term Exposure Limit  
TLV: Threshold limit value  
TSCA: Toxic Substances Control Act  
TWA: Time weighted average  
UN: United Nations  
WHMIS: Workplace Hazardous Materials Information System

### Disclaimer

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.