

# SAFETY DATA SHEET

Issuing Date 05-May-2015

Revision Date 22-June-2015

Revision Number 1



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publicly available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** AFMT Anti-Friction Metal Treatment

**Other means of identification** PSL10010, PSL10020, PSL10225, PSL10040

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Hydraulic Systems, Power Transmission Equipment, Machine Tools, Heavy Chains and Pumps, Compressors, Generators and Pumps, Ball and Roller Bearings, Mining and Smelter Equipment, Gear Boxes, Injection Molding Machines, Railroad Equipment, Refineries and Oil Field Equipment, Paper and Pulp Mills.

**Uses advised against** No information available

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

**Supplier Name** GoldenWest Lubricants, Inc.  
**Supplier Address** 1937 Mount Vernon Avenue  
Pomona, CA 91768  
US

**Supplier Phone Number** Phone:909-865-3081  
Fax:909-865-4467

**Supplier Email** info@gwlinc.com

**Emergency telephone number**

**Chem-Trec(US & Canada)** Phone: 800-424-9300  
**Chem-Trec (International)** Phone: 703-527-3887 (Collect)



## 2. HAZARDS IDENTIFICATION

### Classification

Not classified

### GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal word:</b> Reproductive toxicity	<b>Hazard Statements:</b> May cause harm to breast-fed children. Harmful to aquatic life.	
		
<b>Appearance</b> Amber	<b>Physical State</b> Oil Viscous liquid	<b>Odor</b> Hydrocarbons Oily

### **Precautionary Statements - Prevention**

Obtain special instructions before use. Do not breathe mist or vapor. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention. Collect spillage.

### **Precautionary Statements - Storage**

Store away from incompatible materials.

### **Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

### **Hazards not otherwise classified (HNOC)**

None known.

### **Unknown Toxicity**

1.37% of the mixture consists of ingredient(s) of unknown toxicity

### **Other information**

Harmful to aquatic life with long lasting effects.

### **Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	60 - 80	*
Petroleum distillates, hydro treated heavy paraffinic	64742-54-7	10 - 30	
Supplier Trade Secret	Proprietary	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures

##### General Advice

Note: When using this product in high pressure equipment - Accidental high velocity dermal injection of this material requires immediate medical attention.

##### Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if symptoms occur.

##### Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

##### Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

##### Ingestion

Call a physician or poison control center immediately. Do NOT induce vomiting.

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

##### Most Important Symptoms and Effects

No information available.

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

Provide general supportive measures and treat symptomatically. Treat symptomatically. Keep victim under observations. Symptoms may be delayed.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

#### Specific Hazards Arising from the Chemical

No information available.

**Uniform Fire Code**

Combustible Liquid: III-B

#### Hazardous Combustion Products

Normal combustion forms carbon dioxide and water vapor, and may produce oxides of carbon, sulfur hydrogen chloride and

nitrogen. Incomplete combustion can produce carbon monoxide.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For Personal protection, see section 8 of the SDS.

**Other Information**

Refer to protective measures listed in Sections 7 and 8.

**Environmental Precautions**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up**

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Provide adequate ventilation. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

**Incompatible Products** Oxidizing agent.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral STEL: TWA: 10 mg/m <sup>3</sup> , as oil mist, mineral	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health.

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d. 962 (11th Cir. 1992) See section 15 for national exposure control parameters.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Tight sealing safety goggles.

**Skin and Body Protection**

Wear protective gloves and protective clothing.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Thermal Hazards**

Wear appropriate thermal protective clothing, when necessary.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Oil, Viscous liquid, Liquid	
<b>Appearance</b>		
<b>Color</b>	Amber	
<b>Odor</b>	Hydrocarbons Oily	
<b>Odor Threshold</b>	No information available	
<b>Property</b>	<b>Values</b>	<b>Remarks Method</b>
<b>pH</b>	UNKNOWN	None known
<b>Melting / freezing point</b>	No data available	None known



<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	149 C / 300 F	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity(H<sub>2</sub>O=1):</b>	1.08 @ 15.6°C(Typical)	
<b>Water Solubility</b>	Insoluble in water	None known
<b>Dynamic viscosity (cSt 100C)</b>	4.91	None known
<b>Dynamic viscosity (cSt 40C)</b>	32.7	
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b>Density (lbs./gal):</b>	9.08 to 9.33	
<b>Other Information</b>		
<b>Softening Point</b>	No data available	
<b>VOC Content (%)</b>	No data available	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Oxidizing agent.

### Hazardous Decomposition Products

May cause dense smoke, oxides of carbon, hydrogen chloride, nitrogen, sulfur, and calcium.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Component Information**

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. The classification pertaining to the chlorinated paraffin is applicable to commercial chlorinated paraffin of average carbon chain-lengths of C12. The chlorinated paraffin present in this product is a chlorinated paraffin of a longer carbon chain-length, which is considered an IARC Class 3 for carcinogenicity (limited evidence). Petroleum products are known to cause cancer because of carcinogenic components (e.g. benzene). These carcinogenic components may be removed during the refinement process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret				
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7				

**ACGIH (American Conference of Governmental Industrial Hygienists)**

*This product is not listed as carcinogenic.*

**IARC (International Agency for Research on Cancer)**

*The International Agency for research on cancer had concluded that highly or severely refined light and middle distillates are Group 3 substances, "not classifiable as to their carcinogenicity to humans," based on inadequate.*

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

*This product is not listed as carcinogenic.*

**Reproductive Toxicity** May cause harm to breastfed babies.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Avoid repeated exposure. Prolonged exposure may cause chronic effects.

**Target Organ Effects** Respiratory system. Eyes. Skin. Gastrointestinal tract (GI).

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

**ATE mix (oral)**

1,135,135.00



**12. ECOLOGICAL INFORMATION**

**Eco toxicity**

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret		96h LC50: > 300 mg/L (Lepomis macrochirus) 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 94.5 - 271 mg/L (Oncorhynchus mykiss) 96h LC50: > 0.1 mg/L (Lepomis macrochirus) 96h LC50: > 0.0109 mg/L (Oncorhynchus mykiss)		24h EC50: = 102 mg/L
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7		96h LC50: > 5000 mg/L (Oncorhynchus mykiss)		48h EC50: > 1000 mg/L

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Supplier Trade Secret	6

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 221



## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	Non-regulated
<b>Proper Shipping Name</b>	Non-regulated
<b>Hazard Class</b>	N/A
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b>Proper Shipping Name</b>	Non-regulated
<b>Hazard Class</b>	N/A
<b><u>IMDG/IMO</u></b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14-17,Chloro)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Packing group</b>	III
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List.

### US Federal Regulations

All components are on the U.S. EPA TSCA Inventory List. This product is a Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**OSHA Specifically Regulated Substances(29 CFR 1910.1001-1050)**

Not Listed

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65

**U.S. State Right-to-Know Regulations**

**International Regulations**

**Mexico**

**National occupational exposure limits**

**Canada**

**WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 1</b>	<b>Instability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazards 1*</b>	<b>Flammability 1</b>	<b>Physical Hazard 0</b>	<b>Personal Protection B</b>
<b>Chronic Hazard Star Legend * = Chronic Health Hazard</b>				

<b>Issuing Date</b>	05-May-2015
<b>Revision Date</b>	22-June-2015
<b>Revision Note</b>	No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

