

Signature[®] MG Motor Oil SL

Safety Data Sheet



SECTION 1 IDENTIFICATION

Product Name: Signature[®] MG Motor Oil SL 10w-30, 10w-40

Distributor Information:

Parman Energy Corporation
7101 Cockrill Bend Blvd
Nashville, TN 37209
(800) 727-7920

Product Use: Engine Oil, lubricant

Emergency Phone Number:

PERS (800) 633-8253

SECTION 2 HAZARD(S) IDENTIFICATION

Classification:

OSHA Regulatory Status: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements:

Appearance: Amber Colored Liquid

Physical State: Viscous Liquid

Odor: Mild Petroleum Odor

Hazards not otherwise classified (HNOC):

Other Information:

May be harmful in contact with skin

Unknown Aquatic Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Common Name: Hydrocarbon Lubricating Fluid

Chemical Family: Petroleum Hydrocarbon Mixture

Components	CAS Number	Amount	Trade Secret
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	0-13.5	*
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	75-90	*
Zinc Dialkyl dithiophosphate	68649-42-3	0.76	*
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	0-90	*

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

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SECTION 4 FIRST-AID MEASURES

First-aid measures general: No hazards which require special first aid measures

Inhalation: Move exposed persons to fresh air. Consult medical personnel if breathing issues occur.

Skin: Wash off immediately with soap and plenty of water.

Eye Contact: Flush eyes for 30 minutes with water. Get medical attention if irritation persists.

Ingestion: Do NOT induce vomiting. Consult a physician.

Immediate Symptoms and Effects:

Symptoms: No Information Available

Delayed or other Health Effects: No Information Available

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Carbon dioxide (CO₂). Dry chemical. Foam. Water can be used to keep surrounding materials cool.

Small Fires: Always use personal safety equipment. Follow appropriate personal safety procedures, and extinguishing media.

Large Fires: Contact emergency personnel.

Unsuitable extinguishing media: Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical: Combustible material.

Hazardous Combustion Products: Carbon monoxide. Carbon dioxide (CO₂)

Explosion data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Protection for Fire Fighters:

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

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment & Emergency Procedures:

Personal Protection: Avoid contact with the skin and the eyes. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. Wash skin with soap and water if contact occurs. Launder soiled clothing. If spilled, take caution, as material can cause surfaces to become slippery

Environmental Precautions: See section 12 for additional Ecological Information

Methods for Containment: Cover with earth, sand, or other non-combustible material followed with plastic sheets to minimize spreading or contact with rain.

Methods for Cleaning Up: Excess liquid material can be collected using a scoop or shovel and stored for recycling or disposal. Prevent material from entering drains or waterways.

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Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required

SECTION 7 HANDLING AND STORAGE

Precautionary Measures:

Advice on Safe Handling: Avoid contact with skin, eyes and clothing. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. If contact is made, wash skin with soap and water. Launder soiled clothing. Maximum handling temperature is 70°C (158°F). It is recommended to pump or transfer material at ambient temperature.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Keep away from heat and sources of ignition. Keep containers closed when not in use. Follow first aid measures if contact occurs, and spill procedures if spill occurs. For packaged material: Store in a cool dry area. For bulk material: Store in cool dry area. Always follow local, state, and federal guidelines for storage of material for amount stored.

Incompatible Products: Strong oxidizing agents.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls: Showers, eyewash stations, ventilation systems

Personal Protective Equipment:

Eye/Face Protection: If splashes are likely to occur, wear: Goggles. Eye/Face Protection.

Skin and Body Protection: Long sleeved clothing. Protective gloves can be worn, if material comes in contact with skin wash with soap and water.

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.

General Hygiene Considerations: Remove & wash contaminated clothing before re-use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Amber

Physical State: Viscous Liquid

Odor: Mild petroleum odor

Odor Threshold: No data available

pH: Not available

Vapor Pressure: Not available

Vapor Density (Air = 1): Not available

Initial Boiling Point: Not available

Solubility: Not available

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Melting/Freezing Point: Not available
Specific Gravity: 0.86 – 0.88
Kinematic Viscosity: 10.0-21.0 @100°C mm²/s
Dynamic Viscosity: Not available
Evaporation Rate: Not available
Decomposition temperature: Not available
Octanol/Water Partition Coefficient: Not available
Flammable Properties:
Flammability (solid, gas): Not available
Flash Point: > 93.3°C (>200°F) Cleveland Open Cup (COC)
Auto-ignition temperature: No data available
Explosive Properties: Not available
Oxidizing Properties: Not available
Flammability (Explosive) Limits (% by volume in air): Lower: Not available Upper: Not available

Other Information:

Softening Point: Not available
VOC Content: Not available
Density: Not available
Bulk Density: Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Not available
Chemical Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None under normal processing.
Conditions to Avoid: Excessive heat. High energy sources of ignition.
Incompatibility With Other Materials: Strong oxidizing agents
Hazardous Decomposition Products: None known based on information supplied.
Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Product Information: No data available

Eye Contact: Avoid contact with eyes. May cause irritation.

Skin Contact: May cause eye/skin irritation. Prolonged skin contact may defat the skin and produce dermatitis

Inhalation: Inhalation of vapors in high concentration may cause irritation of respiratory system.

Ingestion: Do NOT taste or swallow

Chemical Name	Oral LD50	Dermal LD 50	Inhalation LC50
Lubricating oils, petroleum, hydrotreated spent 64742-58-1	>2000 MG/KG (Rat)	>4480 mg/kg (Rabbit)	--

Information on toxicological effects:

Symptoms: No information available

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

Sensitization: No information available

Germ Cell Mutagenicity: No information available

Carcinogenicity: No information available

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-	Group 1	-	X
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	-	Group 1	-	X

Reproductive toxicity: No information available

STOT – Single exposure: No information available

STOT – Repeated exposure: No information available

Aspiration Hazard: No information available

Numerical measures of toxicity – Product Information:

Unknown Aquatic Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity

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

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Lubricating oils, petroleum, hydrotreated spent 64742-58-1	-	79.6: 96 h Brachydanio rerio mg/L LC50 semi-static 3.2: 96 h Pimephales promelas mg/L LC50 semi-static	-
Zinc dialkyl dithiophosphate 68649-42-3	-	1.0 – 5.0: 96 h Pimephales promelas mg/L LC50 static 10.0 – 35.0: 96 h Pimephales promelas mg/L LC50 semi-static	1 – 1.5: 48 h Daphnia magna mg/L EC50
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Other adverse effects: No data available

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SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal should be in accordance with applicable regional, national, and local laws and regulations

Contaminated Packaging: Do not reuse container

SECTION 14 TRANSPORT INFORMATION

DOT: Not regulated

SECTION 15 REGULATORY INFORMATION

International Inventories:

TSCA: Complies

DSL/NDSL: Complies

EINECS/ELINCS: Complies

ENCS: Does not comply

IECSC: Complies

KECL: Complies

PICCS: Complies

AICS: Complies

Legend:

TSCA – United States Toxic Substances Control Act Section 8 (b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

U.S. Federal Regulations:

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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 CATEGORIES

1. Acute Health Hazard: No
2. Chronic Health Hazard: No
3. Fire Hazard: No
4. Sudden Release of Pressure Hazard: No
5. Reactivity Hazard: No

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)

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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.

U.S. State Regulations:

California Proposition 65: This product does not contain any proposition 65 chemicals

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Zinc dialkyl dithiophosphate 68649-42-3	X	-	X

U.S. EPA Label Information:

EPA Pesticide Registration Number: Not Applicable

SECTION 16 OTHER INFORMATION

NFPA Ratings

NFPA Health Hazard 1

NFPA Fire Hazard 1

NFPA Reactivity 0

Physical & Chemical Hazards -

HMIS Rating

HMIS Health Hazard 1

HMIS Fire Hazard 1

HMIS Reactivity 0

Personal Protection X

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SDS sections updated 1, 2, 5, 7, 9, 10, 11, 16

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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