

Initial Preparation Date: 04/25/2011
Last Revision Date: 04/30/2012
Effective Date: 06/04/2012

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: PEAK PERFORMANCE® PASSENGER CAR MOTOR OIL 5W-30 GF-5/SN

1. CHEMICAL PRODUCT & COMPANY INFORMATION

OLD WORLD INDUSTRIES, LLC
4065 COMMERCIAL AVENUE
NORTHBROOK, ILLINOIS 60062
Phone: (847) 559-2000
Emergency Phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Material</i>	<i>CAS #</i>	<i>% by Wt</i>	<i>PEL (OSHA)</i>	<i>TLV (ACGIH)</i>
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	90 - 99	No PEL established	No TLV
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	10 - 30	No PEL established	No TLV

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

<i>Mild</i>	<i>Lubricating oils are generally no more than slightly toxic if swallowed.</i>	<i>Lubricating oils are generally considered no more than minimally irritating to the eyes.</i>
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Lowest Known LD₅₀:

<i>Material</i>	<i>CAS #</i>	<i>Toxicity</i>
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Oral LD50 Rat > 2000 mg/kg
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Oral LD50 Rat > 5000 mg/kg
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Dermal LD50 Rabbit > 2 g/kg
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Dermal LD50 Rabbit > 2 g/kg

HAZARD RATING SYSTEM

NFPA: HEALTH: 1
HMIS: HEALTH: 1

FLAMMABILITY: 1
FLAMMABILITY: 1

REACTIVITY: 0
REACTIVITY: 0

KEY: 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

POTENTIAL HEALTH EFFECTS

Routes of Exposure: None known.

Eye: Lubricating oils are generally considered no more than minimally irritating to the eyes.

Skin: Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

Ingestion: 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.

Inhalation: Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

Systemic (Other Target Organ) Effects: No medical conditions affected by exposure.

Cancer Information: Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive Effects: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

CHRONIC, PROLONGED OR REPEATED EXPOSURE

Effects of Repeated Overexposure: Upon prolonged and/or repeated exposure, no hazard in normal industrial use.

Other Effects of Overexposure: No information available.

4. FIRST AID MEASURES

Ensure physician has access to this MSDS.

TREATMENT

Eyes: Flush with water. If irritation occurs, get medical attention. Rest eyes for 30 minutes. If redness, burning, blurred vision, or swelling occurs, transport to nearest medical facility for additional treatment.

Skin: Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If redness, swelling, pain, and/or blisters occur, transport to the nearest medical facility for additional treatment.

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.

Ingestion: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

Notes to Physician: Aspiration during swallowing or vomiting may severely damage the lungs.

5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 200 °C (392 °F)

Flash Point Method: Cleveland Open Cup

Auto-ignition Temperature: No data

Flammability Limits- Percentage of vapor concentration at which product can ignite in presence of spark:

Upper Flammability Limit: Unknown

Lower Flammability Limit: Unknown

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

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.

Fire Fighting Instructions: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Protective Equipment for Fire Fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Protect People: 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 MSDS.

Protect the Environment: Do not flush to sewer.

Cleanup: 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 in regular trash as product is not considered a hazardous waste. Used fluid should be disposed of at a recycling center.

7. HANDLING AND STORAGE

Steps to be Taken in Case Material is Released or Spilled: See Section 6.

Other Precautions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames. Mildly irritating material. Avoid unnecessary exposure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: No respiratory protection required under normal conditions of use.

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

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Neoprene gloves are recommended.

Eye Protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Engineering Controls: No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

EXPOSURE LIMITS

<u>Component</u>	<u>Exposure Limits</u>	<u>Skin Form</u>
Petroleum distillates, hydrotreated heavy paraffinic	No TLV	Unknown
Petroleum distillates, solvent dewaxed heavy paraffinic	No TLV	Unknown
Petroleum distillates, hydrotreated heavy paraffinic	No STL	Unknown
Petroleum distillates, solvent dewaxed heavy paraffinic	No STL	Unknown
Petroleum distillates, hydrotreated heavy paraffinic	No IDLH	Unknown

Petroleum distillates, solvent dewaxed heavy paraffinic	No IDLH	Unknown
Petroleum distillates, hydrotreated heavy paraffinic	No STEL	Unknown
Petroleum distillates, solvent dewaxed heavy paraffinic	No STEL	Unknown
Petroleum distillates, hydrotreated heavy paraffinic	No STEL	Unknown
Petroleum distillates, solvent dewaxed heavy paraffinic	No STEL	Unknown

OSHA PEL TWA for oil mist is 5 mg/L, ACGIH TLV-TWA for oil mist is 5 mg/L, ACGIH STEL for oil mist is 10 mg/L.

9. PHYSICAL/CHEMICAL PROPERTIES

Boiling Point:	No data
Specific Gravity:	0.86
Density:	7.2 Lbs/Gallon
Vapor Pressure:	No data.
Water Solubility:	Negligible; 0-1%
Physical State:	Liquid
Evaporation Rate (BuAc =1):	No data.
% Volatile by Volume:	0.00
Appearance:	Amber
Odor:	Mild
Viscosity:	10.87 cSt @ 100°C

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

Incompatibility (Materials to Avoid): Strong oxidizing agents

Incompatibility (Materials to Avoid): 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.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Skin: No data.

Ingestion: Lubricating oils are generally no more than slightly toxic if swallowed.

Mutagenicity: Not known or reported to be mutagenic.

ACUTE TOXICITY

Peroral: Oral LD50 Rat > 2000 mg/kg

Percutaneous: Dermal LD50 Rabbit > 2 g/kg

Inhalation: Inhalation LC50 (4h) Rat = 2.18 mg/L

IRRITATION

Skin: Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis, or oil acne. Other adverse effects not expected from brief skin contact. Lubricating oils are generally considered no more than minimally irritating to the skin.

Eyes: No data.

SENSITIZATION (ANIMAL AND HUMAN STUDIES)

No data.

REPRODUCTIVE TOXICOLOGY

Not known or reported to cause reproductive or developmental toxicity.

CHRONIC TOXICOLOGY AND CARCINOGENICITY

There are no components that are known or reported to cause cancer.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE

Mobility & Partitioning: Bioconcentration is not expected to occur.

Degradability & Transformation: No data.

Persistence: No data.

ECOTOXICITY

BOD (% Oxygen Consumption): No information available.

Toxicity to Microorganisms: No information available.

Toxicity to Aquatic Invertebrates:	CAS Number	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	48 Hr EC50 Daphnia magna: >1000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	48 Hr EC50 Daphnia magna: >1000 mg/L
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	48 Hr EC50 Daphnia magna: 1 - 1.5 mg/L
2,6-Di-tert-butyl-p-cresol	128-37-0	72 Hr EC50 Pseudokirchneriella subcapitata: 6 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >0.42 mg/L
Toxicity to Fish:	CAS Number	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	96 Hr LC50 Pimephales promelas: 1.0-5.0 mg/L [static]; 96 Hr LC50 Pimephales promelas: 10.0-35.0 mg/L [semi-static]

13. DISPOSAL CONSIDERATIONS

Disposal of Packaging: Recycle containers whenever possible.

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

Waste Disposal: Spent or discarded material is not expected to be a hazardous waste.

14. TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Non-Bulk

Not regulated by the US D.O.T.

Bulk

Not regulated by the US D.O.T.

IATA

Non-Bulk

Not regulated by IATA

IMDG

Non-Bulk

Not regulated by IMDG

15. REGULATORY INFORMATION

THIS PRODUCT CONTAINS COMPONENT (S) CITED ON THE FOLLOWING REGULATIONS:

Consumer Product Safety Improvement Act of 2008 General Conformity Certification:

This product has been evaluated and certified to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

United States- TSCA Inventory: All components of this material are on the US TSCA Inventory or are exempt.

TSCA 12b export notification:

None Listed.

CERCLA:

None Listed.

OSHA Hazard Communication Standard:

Not an OSHA physical or health hazard.

SARA Title III:

SARA 312-Inventory Reporting:

None Listed.

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ARA 313- Emission Reporting:

None Listed.

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ARA 302-Extremely Hazardous Substances:

None Listed.

State Right-To-Know:

California – Exposure Limits - Ceilings:
None Listed.

Director’s List of Hazardous Substances:
None Listed.

Massachusetts Right-To-Know List:
None Listed.

Minnesota Hazardous Substance List:
None Listed.

New Jersey Right-To-Know List:
None Listed.

Pennsylvania Right-To-Know List:
None Listed.

Rhode Island Hazardous Substance List:
None Listed.

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required.

WHMIS Classification: This is not a WHMIS controlled product.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):
None Listed.

16. OTHER INFORMATION

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Phone: (847) 559-2225

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