



# Safety Data Sheet

## I. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** PMASTER 5W20 GF5 12/1Q  
**Product Code:** PMW452PL  
**Supplier:** Warren Distribution, Inc.  
727 S. 13th Street  
Omaha, NE 68102  
**Phone Number:** +01 (800) 825-1235 +01 (402) 341-9397  
**Emergency Phone:** CHEMTREC: +1 (800) 424-9300  
International: +01 (703) 527-3887  
**Date of Preparation:** 2/11/2015 12:18:35 PM

## II. HAZARDS IDENTIFICATION

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### Acute Health Effects:

**Routes of Entry:** Skin contact, Inhalation, Ingestion, Eye contact  
**Target Organs:** No organs known to be damaged from exposure to this product.  
**Inhalation:** Breathing oil mist in concentrations that exceed the TLV and PEL may result in respiratory discomfort and irritation.  
**Skin Contact:** Can cause minor skin irritation, defatting, and dermatitis.  
**Skin Absorption:** No absorption hazard in normal industrial use.  
**Eye Contact:** No hazard in normal industrial use.  
**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.

### Chronic Health Effects:

**Carcinogenicity:** 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.  
**Reproductive Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.  
**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.  
**Potential Health Effects:** See Section 11 for more information.  
**Medical Conditions Aggravated by Exposure:** Personnel with pre-existing skin disorders should avoid contact with this product.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	Range %
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	40 - 70
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	10 - 30
Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).		

## IV. FIRST-AID MEASURES

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**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.  
**Eye Contact:** 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

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**Ingestion:** medical advice if symptoms persist.  
Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

**Notes 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.

## V. FIRE FIGHTING MEASURES

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**Flammability:** Combustible at elevated temperatures

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

**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

## VI. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions and Equipment:** 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.

**Methods for 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 according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. 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. Do not flush to sewer.

## VII. HANDLING AND STORAGE

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**Handling:** Mildly irritating material. Avoid unnecessary exposure.

**Storage:** Store in a cool dry place. Isolate from incompatible materials.

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Engineering Controls:** 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/Face 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

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	OSHA PEL	5 mg/m <sup>3</sup>
Oil mist, mineral	OSHA PEL	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m <sup>3</sup>

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Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>
Oil mist, mineral	ACGIH STEL	10 mg/m <sup>3</sup>

## IX. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State:</b>	Liquid
<b>Colour:</b>	Amber
<b>Odour:</b>	Mild
<b>pH:</b>	Not determined
<b>Viscosity (cSt at 40°C):</b>	47.96
<b>Solubility:</b>	Negligible; 0-1%
<b>Water/Oil Partition Coefficient:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Vapor Pressure:</b>	<0.20
<b>Boiling Point (°C):</b>	Not determined
<b>Freezing Point (°C):</b>	Not determined
<b>Specific Gravity:</b>	0.86
<b>Bulk Density:</b>	7.19 Lbs/Gallon

## X. STABILITY AND REACTIVITY

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<b>Stability:</b>	Stable under normal conditions.
<b>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>Materials to Avoid:</b>	Strong oxidizing agents
<b>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.

## XI. TOXICOLOGICAL INFORMATION

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<b>Routes of Entry:</b>	Skin contact, Inhalation, Ingestion, Eye contact
<b>Ingestion:</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.
<b>Inhalation:</b>	No hazard in normal industrial use.
<b>Absorption:</b>	No absorption hazard in normal industrial use.
<b>Eye:</b>	Upon prolonged or repeated contact, no hazard in normal industrial use.
<b>Skin:</b>	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Chemical Name	LD <sub>50</sub> and LC <sub>50</sub>
Distillates (petroleum), hydrotreated heavy paraffinic	Inhalation LC <sub>50</sub> Rat 2.18 mg/L 4 h; Oral LD <sub>50</sub> Rat >2000 mg/kg; Dermal LD <sub>50</sub> Rabbit >2000 mg/kg

<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>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Reproductive Toxicity:</b>	Not known or reported to cause reproductive or developmental toxicity.
<b>Skin Sensitization:</b>	No data available to indicate product or components may be a skin sensitizer.

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Chemical Listed as Carcinogen or Potential Carcinogen	Source Agency
Not applicable	ACGIH- Threshold Limit Values- Carcinogens
Not applicable	IARC Carcinogen
Known Human Carcinogen (listed under Arsenic and Inorganic Arsenic Compounds)	NTP- Report on Known Human Carcinogens
Known Human Carcinogen	NTP- Report on Known Human Carcinogens
Known Human Carcinogen (listed under Cadmium and Cadmium Compounds)	NTP- Report on Known Human Carcinogens
Reasonably Anticipated To Be A Human Carcinogen	NTP- Report on Reasonably Anticipated to be Human Carcinogens
Reasonably Anticipated To Be A Human Carcinogen	NTP- Report on Reasonably Anticipated to be Human Carcinogens
Not applicable	U.S. - OSHA - Hazard Communication Carcinogens

## XII. ECOLOGICAL INFORMATION

<b>Overview:</b>	Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
<b>Mobility:</b>	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
<b>Bioconcentration:</b>	Bioconcentration may occur.
<b>Degradability:</b>	Biodegrades slowly.

## XIII. DISPOSAL CONSIDERATIONS

<b>Disposal of Packaging:</b>	Recycle containers whenever possible.
<b>Disposal Methods:</b>	Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

## XIV. TRANSPORTATION INFORMATION

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

## XV. REGULATORY INFORMATION

Chemical Name	Regulation	CAS #	% Range
None.	CERCLA RQ		
Zinc	SARA 313	7440-66-6	0.01 - 0.1
Diphenylamine	SARA 313	122-39-4	0.01 - 0.1
Toluene	SARA 313	108-88-3	0.001- 0.01
Naphthalene	SARA 313	91-20-3	<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 302-EHS		
Naphthalene	CA Prop 65 – Cancer	91-20-3	<10ppm
Lead	CA Prop 65 – Cancer	7439-92-1	<10ppm
Benzene	CA Prop 65 – Cancer	71-43-2	<10ppm
Cadmium	CA Prop 65 – Cancer	7440-43-9	<10ppm

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ethylbenzene	CA Prop 65 – Cancer	100-41-4	<10ppm
Toluene	CA Prop 65 - Dev. Toxicity	108-88-3	0.001- 0.01
Lead	CA Prop 65 - Dev. Toxicity	7439-92-1	<10ppm
Benzene	CA Prop 65 - Dev. Toxicity	71-43-2	<10ppm
Cadmium	CA Prop 65 - Dev. Toxicity	7440-43-9	<10ppm
Lead	CA Prop 65 - Reprod -fem	7439-92-1	<10ppm
Lead	CA Prop 65 - Reprod -male	7439-92-1	<10ppm
Benzene	CA Prop 65 - Reprod -male	71-43-2	<10ppm
Cadmium	CA Prop 65 - Reprod -male	7440-43-9	<10ppm
None.	Canadian WHMIS List		

**Inventory- U.S. TSCA:** All components of this material are on the US TSCA Inventory or are exempt.

**OSHA Hazard Classification:** Not an OSHA physical or health hazard.  
**WHMIS Classification:** Uncontrolled product according to WHMIS classification criteria.  
**Inventory- Canada Domestic Substance List:** Present

<b><u>HMIS Ratings:</u></b>		<b><u>NFPA Ratings:</u></b>	
<b>Health:</b>	1	<b>Health:</b>	1
<b>Fire:</b>	1	<b>Fire:</b>	1
<b>Reactivity:</b>	0	<b>Reactivity:</b>	0
<b>PPE:</b>	B		
KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 – Extreme			

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## XVI. ADDITIONAL INFORMATION

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Superseded by: 1/29/2015 5:21:48 PM  
Revision Date: 2/11/2015 12:18:35 PM  
Prepared by: TPRUETT  
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  
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.