



Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PMASTER SYN 0W20 GF5 6/1
Product Code: PMW2FLP6
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: 2/17/2015 9:38:11 AM

II. HAZARDS IDENTIFICATION

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

Chemical Name	CAS #	Range %
Highly refined synthetic base stocks	64742-54-7	90 - 99
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	3 - 7
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	1 - 5

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

IV. FIRST-AID MEASURES

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.

Safety Data Sheet

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.

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

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

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

Handling: Mildly irritating material. Avoid unnecessary exposure.

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

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 ³
Oil mist, mineral	OSHA PEL	5 mg/m ³
Oil mist, mineral	OSHA PEL	5 mg/m ³

Safety Data Sheet

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m3
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m3
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Amber
Odour:	Mild
pH:	Not determined
Viscosity (cSt at 40°C):	44.82
Solubility:	Negligible; 0-1%
Water/Oil Partition Coefficient:	Not determined
Evaporation Rate:	Not determined
Vapor Density:	Not determined
Vapor Pressure:	<0.20
Boiling Point (°C):	Not determined
Freezing Point (°C):	Not determined
Specific Gravity:	0.85
Bulk Density:	7.09 Lbs/Gallon

X. STABILITY AND 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. Moisture (will lead to product performance degradation).
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	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

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

Chemical Name	LD50 and LC50
Highly refined synthetic base stocks	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and

Safety Data Sheet

Mutagenicity: is not considered a carcinogen by the International Agency for Research on Cancer. No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Reproductive Toxicity: Not known or reported to cause reproductive or developmental toxicity.

Skin Sensitization: No data available to indicate product or components may be a skin sensitizer.

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

Overview: Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

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

Bioconcentration: Bioconcentration may occur.

Degradability: Biodegrades slowly.

XIII. DISPOSAL CONSIDERATIONS

Disposal of Packaging: Recycle containers whenever possible.

Disposal Methods: 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

Safety Data Sheet

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
ethylbenzene	CA Prop 65 – Cancer	100-41-4	<10ppm
Toluene	CA Prop 65 - Dev.	108-88-3	0.001- 0.01
	Toxicity		
Lead	CA Prop 65 - Dev.	7439-92-1	<10ppm
	Toxicity		
Benzene	CA Prop 65 - Dev.	71-43-2	<10ppm
	Toxicity		
Cadmium	CA Prop 65 - Dev.	7440-43-9	<10ppm
	Toxicity		
Lead	CA Prop 65 - Reprod	7439-92-1	<10ppm
	-fem		
Lead	CA Prop 65 - Reprod	7439-92-1	<10ppm
	-male		
Benzene	CA Prop 65 - Reprod	71-43-2	<10ppm
	-male		
Cadmium	CA Prop 65 - Reprod	7440-43-9	<10ppm
	-male		
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 Present

Substance List:

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

Safety Data Sheet

XVI. ADDITIONAL INFORMATION

Superseded by: None
Revision Date: 2/17/2015 9:38:11 AM
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.