



Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PARTSMASTER 80W90 6/1
Product Code: PMW890PL
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: 1/22/2015 4:42:39 PM

II. HAZARDS IDENTIFICATION

Acute Health Effects:

Routes of Entry: Inhalation, Ingestion, Skin contact, Eye contact
Target Organs: Skin, Eyes
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: Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.
Ingestion: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

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., Skin disease including eczema and sensitization, Eye disease

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Range %
Residual oils (petroleum), solvent dewaxed	64742-62-7	30 - 60
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	30 - 60
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)	Confidential	0.5 - 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: Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids

Safety Data Sheet

Skin Contact:	often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
Ingestion:	Wash with soap and water. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.
Notes to Doctor:	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
	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:	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
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:	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer.
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:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne

Safety Data Sheet

Skin Protection: material. Do not wear contact lenses. Have an eye wash station available. 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	ACGIH TLV-TWA	5 mg/m ³
Oil mist, mineral	ACGIH STEL	10 mg/m ³

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Amber
Odour:	Mild
pH:	Not determined
Viscosity (cSt at 40°C):	134.8
Solubility:	Insoluble
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:	0.89
Bulk Density:	7.39 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

XI. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation, Ingestion, Skin contact, Eye contact
Ingestion:	No hazard in normal industrial use.
Inhalation:	No hazard in normal industrial use.
Absorption:	No absorption hazard in normal industrial use.
Eye:	Upon prolonged or repeated contact, can cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.
Skin:	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Chemical Name	LD ₅₀ and LC ₅₀
Residual oils (petroleum), solvent dewaxed	Inhalation LC ₅₀ Rat 2.18 mg/L 4 h (Source: IUCLID); Oral LD ₅₀ Rat >5000 mg/kg (Source: IUCLID); Dermal LD ₅₀ Rabbit >2000 mg/kg (Source: IUCLID)
Distillates (petroleum), hydrotreated heavy paraffinic	Inhalation LC ₅₀ Rat 2.18 mg/L 4 h; Oral LD ₅₀ Rat

Safety Data Sheet

Polysulfides, di-tert-butyl

>2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Oral LD50 Rat 6500 mg/kg (Source: IUCLID)

Target Organs: Skin, Eyes
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.
Mutagenicity: 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: Contains a substance that may cause skin sensitization.

Chemical Listed as Carcinogen or Potential Carcinogen	Source Agency
Not applicable	ACGIH- Threshold Limit Values- Carcinogens
Not applicable	IARC Carcinogen
Not applicable	NTP- Report on Known Human Carcinogens
Reasonably Anticipated To Be A Human Carcinogen	NTP- Report on Reasonably Anticipated to be Human Carcinogens
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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.
Persistence: Biodegradation, adsorption to sediment, and bioconcentration to aquatic organisms should not be significant.
Bioconcentration: Bioconcentration may occur.
Degradability: Biodegrades slowly.

XIII. DISPOSAL CONSIDERATIONS

Disposal of Packaging: Recycle containers whenever possible.
Disposal Methods: Dispose of by incineration following Federal, State, Local, or Provincial regulations.

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		
Vinyl acetate	SARA 313	108-05-4	0.001- 0.01
Cumene	SARA 313	98-82-8	0.001- 0.01
ethylbenzene	SARA 313	100-41-4	0.001- 0.01
Naphthalene	SARA 313	91-20-3	<10ppm
Methyl isobutyl ketone	SARA 313	108-10-1	<10ppm
Ethyl acrylate	SARA 313	140-88-5	<10ppm
None.	SARA 302-EHS		

Safety Data Sheet

Cumene	CA Prop 65 – Cancer	98-82-8	0.001- 0.01
ethylbenzene	CA Prop 65 – Cancer	100-41-4	0.001- 0.01
Naphthalene	CA Prop 65 – Cancer	91-20-3	<10ppm
ISOBUTYL METHYL KETONE	CA Prop 65 – Cancer	108-10-1	<10ppm
Ethyl acrylate	CA Prop 65 – Cancer	140-88-5	<10ppm
Methyl isobutyl ketone (MIBK)	CA Prop 65 - Dev.	108-10-1	<10ppm
	Toxicity		
None.	CA Prop 65 - Reprod		
	-fem		
None.	CA Prop 65 - Reprod		
	-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: Eye irritant
WHMIS Classification: Uncontrolled product according to WHMIS classification criteria.
Inventory- Canada Domestic Substance List: Present
Inventory- Canada Non-Domestic Substance List: Present

<u>HMIS Ratings:</u>		<u>NFPA Ratings:</u>	
Health:	2	Health:	2
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
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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.