



Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PARTMSTR 80W90 GL-5 35#
Product Code: PMI8905G
Emergency Phone: CHEMTREC: +1 (800) 424-9300
 International: +01 (703) 527-3887
Poison Control Center: (800) 222-1222
Company: Warren Distribution, Inc.
 727 S. 13th Street
 Omaha, NE 68102
Information Phone: +01 (800) 825-1235 +01 (402) 341-9397
E-mail: sds@wd-wpp.com

II. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation, Ingestion, Skin contact, Eye contact
Target Organs: No organs known to be damaged from exposure to this product.
Chemical Interactions: No chemical interaction known to affect toxicity.
Conditions Aggravated by Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

Acute Health Effects:

Inhalation Irritation: 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 Irritation: 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.

HMIS Ratings:

Health: 1
 Fire: 1
 Reactivity: 0
 PPE: B

NFPA Ratings:

Health: 1
 Fire: 1
 Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

III. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | % | CAS # | OSHA Exposure Limits |
|--|---------|------------|----------------------|
| Residual oils (petroleum), solvent dewaxed | 30 - 60 | 64742-62-7 | |
| Petroleum distillates, hydrotreated heavy paraffinic | 15 - 40 | 64742-54-7 | 5 mg/m3 |

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

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IV. FIRST-AID MEASURES

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| Inhalation: | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. |
| Eyes: | None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard. |
| 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

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| Flammability | Combustible at elevated temperatures |
| Summary: | |
| 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 Clean-up: | 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 Precautions: | Mildly irritating material. Avoid unnecessary exposure. |
| Storage Conditions: | 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 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. |

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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 |
| None. | IDLH | |
| None. | OSHA PEL-Skin Notation | |

X. PHYSICAL AND CHEMICAL PROPERTIES

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|---|-----------------|
| Physical State: | Liquid |
| Color: | Amber |
| Odor: | Mild |
| pH: | Not determined |
| Viscosity (cSt at 40°C): | 129.6 |
| Solubility in Water: | Not determined |
| Octanol/Water 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: | 0.88 |
| Density: | 7.37 |
| Flash Point (°C): | 218 |
| Flash Point Method: | COC |
| Upper Flammability Limit, % in air: | Not established |
| Lower Flammability Limit, % in air: | Not established |

X. STABILITY AND REACTIVITY

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| 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 Decomp. Products: | Carbon monoxide, Smoke |
| Hazardous Polymerization: | Hazardous polymerization will not occur. |

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity:

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|-----------------------|---|
| Ingestion: | No hazard in normal industrial use. |
| Inhalation: | No hazard in normal industrial use. |
| Absorption: | No absorption hazard in normal industrial use. |
| Eyes: | This material is likely to be non-irritating to eyes based on animal data. |
| Skin: | Likely to be non-irritating to skin based on animal data. |
| Sensitization: | No data available to indicate product or components may be a skin sensitizer. |

Component Toxicology Data:

| Chemical Name | CAS # | LD₅₀/LC₅₀ |
|----------------------|--------------|--|
|----------------------|--------------|--|

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|--|------------|---|
| Residual oils (petroleum), solvent dewaxed | 64742-62-7 | Inhalation LC50 Rat 2.18 mg/L 4 h (Source: IUCLID); Oral LD50 Rat >5000 mg/kg (Source: IUCLID); Dermal LD50 Rabbit >2000 mg/kg (Source: IUCLID) |
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg |

XII. ECOLOGICAL INFORMATION

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|--------------------------|---|
| Mobility: | This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types. {EMIFORM_12MOBA} |
| Bioconcentration: | Bioconcentration may occur. |
| Degradability: | Biodegrades slowly. |

| Toxicity to Aquatic Invertebrates: | CAS # | Results |
|--|--------------|--------------------------------------|
| Residual oils (petroleum), solvent dewaxed | 64742-62-7 | 48 Hr EC50 Daphnia magna: >1000 mg/L |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | 48 Hr EC50 Daphnia magna: >1000 mg/L |

| Toxicity to Fish: | CAS # | Results |
|--|--------------|--|
| Residual oils (petroleum), solvent dewaxed | 64742-62-7 | 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L |

XIII. DISPOSAL CONSIDERATIONS

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| 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

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| D.O.T. | Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO). |
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XV. REGULATORY INFORMATION

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| TSCA Status: | All components of this material are on the US TSCA Inventory or are exempt. |
| State Restrictions: | Not applicable |
| WHMIS: | Uncontrolled product according to WHMIS classification criteria. |

| Chemical Name | Regulation | CAS # | % Range |
|----------------------|------------------------------|--------------|----------------|
| None. | CERCLA RQ | | |
| Vinyl acetate | SARA 313 | 108-05-4 | 0.001- 0.01 |
| Ethyl acrylate | SARA 313 | 140-88-5 | <10ppm |
| 1,4-Dioxane | SARA 313 | 123-91-1 | <10ppm |
| Ethylene oxide | SARA 313 | 75-21-8 | <10ppm |
| Propylene oxide | SARA 313 | 75-56-9 | <10ppm |
| None. | SARA 302-EHS | | |
| None. | TSCA 12b export notification | | |
| Ethyl acrylate | CA Prop 65 – Cancer | 140-88-5 | <10ppm |
| 1,4-Dioxane | CA Prop 65 – Cancer | 123-91-1 | <10ppm |
| Ethylene oxide | CA Prop 65 – Cancer | 75-21-8 | <10ppm |

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| Chemical Name | Regulation | CAS # | % Range |
|-----------------|------------------------------------|---------|---------|
| Propylene oxide | CA Prop 65 – Cancer | 75-56-9 | <10ppm |
| Ethylene oxide | CA Prop 65 - Dev. Toxicity | 75-21-8 | <10ppm |
| Ethylene oxide | CA Prop 65 - Reprod –fem | 75-21-8 | <10ppm |
| Ethylene oxide | CA Prop 65 - Reprod –male | 75-21-8 | <10ppm |
| None. | Canadian WHMIS List | | |
| None. | Massachusetts RTK List | | |
| None. | New Jersey RTK List | | |
| None. | Pennsylvania RTK List | | |
| None. | Minnesota Hazardous Substance List | | |

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.

XVI. ADDITIONAL INFORMATION

Supersedes: 1/26/2015 2:51:25 PM
Revision Date: 3/11/2015 11:22:50 AM
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.