

## **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone number	1-800-ASHLAND (1-800-274-5263)

Product name                      PARTS Master® 80W-85W-90 GEAR OIL

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

Appearance: liquid, Petroleum-like odor, amber

**CAUTION!**

Moderate skin irritant, Moderate eye irritant

### **Potential Health Effects**

#### **Routes of exposure**

##### **Eye contact**

Unlikely to cause eye irritation or injury.

##### **Skin contact**

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

##### **Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

##### **Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring)., Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

##### **Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material:, skin

##### **Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:., stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

**Target Organs**

No data

**Carcinogenicity**

**Reproductive hazard**

**Other information**

No data

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS-No.	Concentration
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC LUBRIZOL ADDITIVE	64742-65-0	>=10-<15% >=5-<10%

**4. FIRST AID MEASURES**

**General Information**

**Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Ingestion**

Do not induce vomiting. Give one glass of milk or water, and get medical attention immediately. If possible, do not leave victim unattended.

**Inhalation**

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

## Notes to physician

No data

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media :

Dry chemical, Carbon dioxide (CO<sub>2</sub>), Foam, Water spray

### Hazardous combustion products:

May form: carbon dioxide and carbon monoxide, oxides of sulfur, nitrogen and phosphorus, various hydrocarbons

### Precautions for fire-fighting:

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

### Environmental precautions

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

### Methods for cleaning up

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Neutralize spill with an aqueous solution of ammonia. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

## 7. HANDLING AND STORAGE

**Handling:**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

**Storage:**

Store in a cool, dry, ventilated area.

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Exposure Guidelines**

<b>DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC</b>	<b>64742-65-0</b>
CAD ON OEL	time weighted average 1,600 mg/m <sup>3</sup>

**Exposure controls** Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

**Eye protection**

Not required under normal conditions of use. However, if misting or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

**Skin and body protection**

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product., Wear normal work clothing covering arms and legs.

**Respiratory protection**

Not required under normal conditions of use. However, if oil mists are generated above recommended PEL/TLV of 5 mg/m<sup>3</sup>, then a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. (See your industrial hygienist.)

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>State of matter</b>	liquid	
<b>Form</b>		No data
<b>Colour</b>	amber	
<b>Odour</b>	Petroleum-like odor	
<b>Boiling point/range</b>	218.3 °C	@ 760.000000 mmHg

<b>pH</b>		No data
<b>Flash point</b>	194.44 °C	Cleveland open cup
<b>Evaporation rate</b>	> 1	Ethyl Ether
<b>Explosion limits</b>		No data
<b>Vapour pressure</b>	<0.1000000 mmHg	
<b>Vapour density</b>	>1	
<b>Density</b>	0.8911 g/cm <sup>3</sup>	15.56 °C
	7.28 lb/gal	@ 15.6 °C
<b>Solubility</b>		No data
<b>Partition coefficient (n-octanol/water)</b>		No data
<b>Autoignition temperature</b>		No data

## 10. STABILITY AND REACTIVITY

### Stability:

Stable

### Conditions to avoid:

No data

### Incompatible products:

Avoid contact with:, strong oxidizing agents

### Hazardous decomposition products:

May form:, carbon dioxide and carbon monoxide, oxides of sulfur, nitrogen and phosphorus, various hydrocarbons

### Hazardous reactions:

Product will not undergo hazardous polymerization.

### Thermal decomposition

No data

## 11. TOXICOLOGICAL INFORMATION

### Acute oral toxicity

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC** 64742-65-0

LD 50: Rat 5,000 mg/kg

**LUBRIZOL ADDITIVE**

**Acute dermal toxicity**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC** 64742-65-0

LD 50: Rabbit 5,000 mg/kg

**LUBRIZOL ADDITIVE**

**Acute inhalation toxicity**

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC** 64742-65-0

**LUBRIZOL ADDITIVE**

**12. ECOLOGICAL INFORMATION**

No data

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations.

**14. TRANSPORT INFORMATION**

**15. REGULATORY INFORMATION**

**Reportable quantity** Not applicable.

<b>WHMIS Classification</b>	<b>D2B</b>	<b>Toxic Material Causing Other Toxic Effects</b>
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**Notification status**

Australia. Industrial Chemical (Notification and Assessment) Act		y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)		y (positive listing)
Japan. Kashin-Hou Law List		y (positive listing)
Korea. Toxic Chemical Control Law (TCCL) List		y (positive listing)

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
US. Toxic Substances Control Act	y (positive listing)
EU. EINECS	y (positive listing)
China. Inventory of Existing Chemical Substances	u (undetermined listing)

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
<b>HMIS</b>	1*	1	0	
<b>NFPA</b>	1	1	0	

## **16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.