

## 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® SYNTHETIC SAE 10W-30 MOTOR OIL
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## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Appearance: liquid, 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)., Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful., 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, lung (for example, asthma-like conditions)

**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), pain in the abdomen

**Target Organs**

No data.

**Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

**Reproductive hazard**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

**Other information**

No data.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
HEAVY PARAFFINIC DISTILLATE	64742-54-7	>=60-<70%
ZINC COMPOUNDS	68649-42-3	>=1.5-<5%

**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**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a

physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

### **Notes to physician**

No data.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable extinguishing media :**

foam, water spray, carbon dioxide (CO<sub>2</sub>), dry chemical

### **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. Spills of this material are very slippery.

### **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**

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. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

**Other information**

Notify the proper authorities as required that a spill has occurred.

**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:****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

**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.)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>State of matter</b>	liquid	
<b>Form</b>		No data.
<b>Colour</b>	amber	
<b>Odour</b>		No data.
<b>Boiling point/range</b>		No data.

<b>pH</b>		No data.
<b>Flash point</b>	229.4 °C	
<b>Evaporation rate</b>		No data.
<b>Explosion limits</b>		No data.
<b>Vapour pressure</b>		No data.
<b>Vapour density</b>		No data.
<b>Density</b>	0.877 g/cm <sup>3</sup>	15.6 °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:

Avoid contact with:, excessive heat

### Incompatible products:

Avoid contact with:, strong oxidizing agents

### Hazardous decomposition products:

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

### Hazardous reactions:

Product will not undergo hazardous polymerization.

### Thermal decomposition

No data.

## 11. TOXICOLOGICAL INFORMATION

### Acute oral toxicity

**DISTILLATES (PETROLEUM), 64742-54-7**  
**HYDROTREATED HEAVY PARAFFINIC**

LD 50: Rat 15 g/kg

**ZINC C1-C14 ALKYL DITHIOPHOSPHATE 68649-42-3**

LD 50: Rat 2,000 - 5,000 mg/kg

### Acute dermal toxicity

**DISTILLATES (PETROLEUM),  
HYDROTREATED HEAVY PARAFFINIC** 64742-54-7

LD 50: Rabbit 5 g/kg

**ZINC C1-C14 ALKYLDITHIOPHOSPHATE** 68649-42-3

LD 50: Rabbit 2,000 mg/kg

### Acute inhalation toxicity

**DISTILLATES (PETROLEUM),  
HYDROTREATED HEAVY PARAFFINIC** 64742-54-7

**ZINC C1-C14 ALKYLDITHIOPHOSPHATE** 68649-42-3

## 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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Canada. Canadian Environmental Protection Act (CEPA). National Pollutant Release Inventory (NPRI) (Can. Gaz. Part I, 135:12, 940)

ZINC COMPOUNDSZINC C1-C14 ALKYLDITHIOPHOSPHATE 68649-42-3

### Notification status

Korea. Toxic Chemical Control Law (TCCL) List y (positive listing)

China. Inventory of Existing Chemical Substances y (positive listing)

Australia. Industrial Chemical (Notification and Assessment) Act y (positive listing)

Philippines. The Toxic Substances and Hazardous and y (positive listing)

Nuclear Waste Control Act	
US. Toxic Substances Control Act	y (positive listing)
EU. EINECS	y (positive listing)
Japan. Kashin-Hou Law List	n (Negative listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive 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	

<b>16. OTHER INFORMATION</b>
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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.