

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 (CO₂), 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

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

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/m³, then a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. (See your industrial hygienist.)

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

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

WHMIS Classification	D2B	Toxic Material Causing Other Toxic Effects
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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)

	Health	Flammability	Reactivity	Other
HMIS	1*	1	0	
NFPA	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.