



# MATERIAL SAFETY DATA SHEET

## 85W-140 GL-5 GEAR OIL

Deckman Oil Co.  
9 Norton Street  
Honeoye Falls, N.Y. 14472  
(585) 624-1630  
Fax: (585) 624-2142

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 85W-140 GL-5

**Chemical Name:** Petroleum lubricating oil

**Chemical Family:** Petroleum Hydrocarbon

**Manufacturer:**

AMERICAN REFINING GROUP INC.  
77 NORTH KENDALL AVE.  
BRADFORD, PA 16701

**Emergency Telephone Numbers:**

Transportation: (215) 244-2114 8am-5pm EST M-F  
CHEMTREC: (800) 424-9300 24 hrs everyday

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Ingredient:**

		CAS#
Severely solvent refined heavy paraffinic distillate	>90%	64741-88-4
Proprietary additives	<10%	mixture

### 3. HAZARD IDENTIFICATION ON INGREDIENTS

**Emergency Overview:**

Oil mist, if generated.

**Potential Health Effects:**

**INHALATION:** Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

**EYE CONTACT:** Expected to be minor eye irritant.

**SKIN CONTACT:** Repeated or prolonged skin contact may cause dermatitis and defatting.

**INGESTION:** Not expected to be acutely toxic.

**CHRONIC:** None known.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH	1	REACTIVITY	0
FLAMMABILITY	1	PERSONAL PROTECTION	X

HAZARD: MINIMAL=0 SEVERE=4



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### 4. FIRST AID MEASURES

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

**EYE CONTACT:** Flush with large amounts of water until irritationsubside. If irritation persists, get medical attention.

**SKIN CONTACT:** Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists seek medical attention.

**INGESTION:** If swallowed, DO NOT induce vomiting.

### 5. FIRE FIGHTING MEASURES

**Flashpoint (method):** 355°F COC

**Flammable Limits:** N/E. **Autoignition Temp:** >500°F

**EXTINGUISHING MEDIA:** Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), foam.

**FIRE FIGHTING INSTRUCTIONS:** Avoid breathing smoke and vapor.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

**HAZARDOUS COMBUSTION PRODUCTS:** Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur, nitrogen and phosphorus. Incomplete combustion can produce carbon monoxide.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILLS OR LEAKS:** Remove sources of ignition. Contain any spills with dikes or adsorbants to prevent migration and entry into sewers or streams. Take up small spills with absorbant pads. Large spills may be taken up with pump or vacume.

### 7. HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Ambient **STORAGE PRESSURE:** Atmospheric

**GENERAL:** Keep container closed. Store in a cool, well ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS:** Oil mist if generated: TLV (ACGIH) 5mg/m<sup>3</sup> - 8hr TWA, STEL (ACGIH) 10mg/m<sup>3</sup>, PEL (OSHA) 5mg/m<sup>3</sup> - 8hr TWA.

**VENTILATION:** Good general ventilation at source of vapor.

**PERSONAL PROTECTION:** For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Ordor: Petroleum odor, dark amber liquid.  
Vapor Pressure: <1 (air=1.0)  
Solubility in water: Insoluble  
Evaporation Rate, n-Bu Acetate=1: Nil  
VOC: N/A  
Specific Gravity: 0.91 @ 15.6/15.6C

### 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures.  
CONDITIONS TO AVOID: None known.  
MATERIALS TO AVOID: Strong oxidizing agents.  
HAZARDOUS POLYMERIZATION: None.  
HAZARDOUS DECOMPOSITION: None.

### 11. TOXICOLOGICAL INFORMATION

Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg).  
Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater then 2000 mg/kg).  
Inhalation Toxicity (rats): Practically non-toxic (LD50: greater than 5 mg/1).  
Eye Irritation (rabbits): Practically non-irritating (Draize score: greater than 6 but 15 or less).  
Skin Irritation (rabbits): Practically non-irritating (Primary Irritation Index: greater than 0.5 but less than 3).  
Chronic Toxicology: The base oils in this product are severely solvent refined and/or hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as Modified Ames Test and IP-346.

### 12. ECOLOGICAL INFORMATION

Environmental Fate and Effects: This material is not expected to present any environmental problems other than those associated with oil spills.

### 13. DISPOSAL CONSIDERATIONS

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.



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### 14. TRANSPORTATION INFORMATION

**DOT**

**IMO**

DESCRIPTION: Not regulated  
 PROPER SHIPPING NAME:  
 HAZARD CLASS: Not regulated  
 ID NUMBER: Not regulated  
 PACKING GROUP: N/A  
 SPECIAL INFORMATION: None

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 HAZARD CLASS: Not regulated  
 PACKING GROUP: N/A  
 SPECIAL INFORMATION: None  
 IMO LABEL: None  
 SHIPPING CONTAINERS: N/A

### 15. REGULATORY INFORMATION

TSCA: This material is in compliance with the TOXIC SUBSTANCES CONTROL ACT (15 USC 2601-2629) and is listed in the TSCA Inventory.

HAZARD CATEGORIES FOR SARA 311/312 REPORTING:

Health	Immediate (Acute)	No
Health	Delayed (Chronic)	No
Physical	Fire	No
Physical	Sudden Release of Pressure	No
Physical	Reactive	No
Physical	Nuisance Mist/Dust Only	No

01=SARA 313	08=IARC Group 2B	15=ACGIH STEL	23=TSCA Sect 12(b)
02=MASS RTK	09=SARA 302/304	16=ACGIH Calc TLV	24=TSCA Sect 8(a)
03=NTP Carcinogen	10=PA RTK	17=OSHA PEL	25=TSCA Sect 8(d)
04=CA Prop 65-Carcin	11=NJ RIK	18=DOT Marine Pollutant	26=TSCA Sect 4(a)
05=CA Prop 65-Reprp Tox	12=CERCLA 3024	20=EPA Carcinogen	27=Canadian WHMIS
06=IARC Group 1	13=MN RTK	21=TSCA Sect 5(a)(2)	28=OSHA CEILING
07=IARC Group 2A	14=ACGIM TWA	22=TSCA Sect 6	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

is found on lists: 14, 15, 17

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq, the product is to be as followed: PETROLEUM OIL



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**GL-5**  
**GEAR OIL**

**16. OTHER INFORMATION**

**AMERICAN REFINING GROUP INC.**  
**77 NORTH KENDALL AVE.**  
**BRADFORD, PA 16701**

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