



# MATERIAL SAFETY DATA SHEET

## QMI Premium Synthetic Gear Oil SAE 75W-140

**QMI**  
A division of Illinois Tool Works Inc.  
3606 Craftsman Blvd.  
Lakeland, FL 33803

**EMERGENCY TELEPHONE NUMBER:**  
ChemTel; US: 800-255-3924  
Outside US: 813-248-0585  
QMI; 863-665-3338

---

### PRODUCT IDENTIFICATION

---

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
QMI Premium Synthetic Gear Oil SAE 75W-140	04/20/2011	GG140
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

---

### HAZARDOUS INGREDIENTS

---

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Polyalphaolefin	68649-12-7	5 mg/m <sup>3</sup> as mist	5 mg/m <sup>3</sup> as mist

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

---

### PHYSICAL DATA

---

These data are approximate or typical values and should not be used as precise specifications. Unless otherwise noted values are at 20°C(68°F) and 760 mmHg (1 atm).

<b>Boiling Point/Range</b>	>500°F(260°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.87	<b>Vapor Pressure (mm Hg)</b>	<0.1
<b>Vapor Density (Air =1)</b>	>1	<b>Solubility in Water (%)</b>	Negligible
<b>% Volatiles by Volume</b>	Negligible	<b>Evaporation Rate (Butyl Acetate = 1)</b>	<1
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Bright Yellow Viscous Liquid	<b>Odor</b>	Mild sulfur

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

---

## FIRE AND EXPLOSION HAZARD DATA

---

**Flash Point** 271°F(133°C) **Method** Pensky-Martin Closed Cup (ASTM D-93A)

**Flammable or Explosive Limits** (Approximate percent by volume in air)

Lower (LEL) N/D

Upper (UEL) N/D

### Hazard Class Identification

Health	Flammability	Reactivity	Hazard Code
1	1	0	0 - Least (insignificant)
	Other		1 - Slight
	--		2 - Moderate
			3 - High
			4 - Extreme

### Extinguishing Media

Dry chemicals, carbon dioxide, water spray, foam.

### Special Fire Fighting Procedures

Use water to cool fire-exposed containers. Fire fighters use a self contained breathing apparatus.

### Unusual Fire and Explosion Hazards

Combustion will product smoke and toxic fumes.

---

## REACTIVITY DATA

---

### Stability

Stable.

### Conditions to Avoid

Heat, open flame.

### Materials to Avoid

Strong oxidizing agents.

### Hazardous Decomposition or Combustion Products

Thermal decomposition may produce oxides of carbon, sulfur, nitrogen and phosphorus.

### Hazardous Polymerization (conditions)

Will not occur.

---

## HEALTH HAZARDS/ROUTES OF ENTRY

---

### Signs, Symptoms and Effects of Overexposure

**Ingestion** (swallowing) DO NOT swallow. If swallowed, may cause slight irritation to digestive tract. Signs and symptoms are discomfort, nausea, vomiting.

**Skin Contact** May cause irritation to skin. Prolonged contact may cause redness, defatting of skin to sensitive individuals.

**Eye Contact** May be slightly irritating to the eyes on direct contact.

**Inhalation** (breathing) Vapors generated at elevated temperatures can cause irritation to respiratory tract.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Prolonged and repeated contact with skin and eyes may cause skin and eye irritation, defatting of skin and redness.

---

## EMERGENCY AND FIRST AID PROCEDURES

---

**Ingestion** (swallowing) DO NOT induce vomiting. Give 2-3 cups of water or milk. Call for medical help.

**Skin Contact** Wash affected area with soap and water. If irritation persists, call for medical help.

**Eye Contact** Flush eyes with water for 15 minutes. If irritation persists, call for medical help.

**Inhalation** (breathing) Remove to fresh air to avoid further inhalation.

**Comments** NOTE TO PHYSICIANS: Treatment should be controlled by symptoms and clinical conditions. Emesis may be induced under medical supervision.

---

## SPILL OR RELEASE CONTROL PROCEDURES

---

### Steps to be taken in case material is released or spilled

Use absorbent sand clay or vermiculite. Shovel into containers. Prevent liquid from entering into sewers and waterways.

### Waste Disposal Method

Dispose of in accordance with Federal, State and Local regulations.

### Environmental Hazard (EPA-CWA, Section 311)

Spills of this material leading to surface waters where it will cause a sheen must be reported to the National Response Center (800) 424-8802.

**EPA Reportable Quantity (RQ), 40CFR302 (CERCLA104)**

N/A

**EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)**

Chemical	CAS NO.	% in Product
N/A	N/A	N/A

---

## HANDLING AND STORAGE

---

**Handling and Storage Precautions**

CAUTION: Contains petroleum oil. Avoid skin and eye contact. Keep containers closed. Use entire contents.

**Other Precautions**

KEEP AWAY FROM CHILDREN.

---

## PERSONAL PROTECTION - EXPOSURE CONTROL

---

**Ventilation**

Normal use, none required. If misting occurs a mechanical or local exhaust is recommended.

**Respiratory Protection**

Normal use, none required.

**Eye Protection**

Safety glasses.

**Protective Gloves**

Rubber, plastic gloves.

**Other Protective Clothing or Equipment**

None.

**Work/Hygienic Practices**

Personal cleanliness is always appropriate. Frequent washing minimizes inadvertent exposure.

---

## TRANSPORTATION INFORMATION

---

### Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
	Flammable Solid		Non-Flammable Gas
	Flammable Gas	XXX	Not Hazardous by DOT
	Combustible Liquid		Other:

### DOT Proper Shipping Name

N/A

### DOT ID Number

N/A

---

## DOCUMENTATION

---

Product Code No.: GG140

Issue Date: 04/20/2011

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.