



# MATERIAL SAFETY DATA SHEET

## Wynn's Friction Modifier for Limited-Slip Differentials

WYNN'S  
A division of Illinois Tool Works Inc.  
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Azusa, California 91702

EMERGENCY TELEPHONE NUMBER:  
Chemtrec (800) 424-9300  
INFORMATION TELEPHONE NUMBER:  
Wynn's (626) 334-0231

### PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Friction Modifier for Limited-Slip Differentials	12-30-05	64101
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Petroleum Oil	64741-96-4	1-10	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).

Boiling Point/Range	>550°F(288°C)	Freeze Point	N/A
Specific Gravity (H <sub>2</sub> O=1) @ 15.6°C	0.916	Vapor Pressure (mm Hg)	N/A
Vapor Density (Air =1)	N/A	Solubility in Water (%)	0
% Volatiles by Volume	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Thick amber liquid	Odor	Hydrocarbon

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

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## FIRE AND EXPLOSION HAZARD DATA

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**Flash Point** 300°F(149°C) **Method** Cleveland Open Cup ASTM D-92

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

Lower (LEL) N/D Upper (UEL) N/D

**Hazard Class Identification**

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

**Extinguishing Media**

Dry chemicals, carbon dioxide, water spray

**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 produce smoke and toxic fumes.

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## REACTIVITY DATA

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**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, phosphorus, sulfur, and nitrogen.

**Hazardous Polymerization** (conditions)

Will not occur.

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## HEALTH HAZARDS/ROUTES OF ENTRY

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### Signs, Symptoms and Effects of Overexposure

**Ingestion** (swallowing) DO NOT swallow. If swallowed, may cause slight irritation to digestive tract.

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

**Eye Contact** May be slightly irritation 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.

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## EMERGENCY AND FIRST AID PROCEDURES

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**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.

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## SPILL OR RELEASE CONTROL PROCEDURES

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### 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

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## HANDLING AND STORAGE

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### 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.

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## PERSONAL PROTECTION - EXPOSURE CONTROL

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### 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.

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## TRANSPORTATION INFORMATION

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### 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

NA

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## DOCUMENTATION

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Product Code No.: 64101  
Previous Code No.: 641

Issue Date: 12-30-05  
Prior Date: 02-09-98

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