



# MATERIAL SAFETY DATA SHEET

## Wynn's Synthetic Transfer Case/Manual Transmission Fluid

WYNN'S  
A division of Illinois Tool Works Inc.  
1151 West Fifth Street  
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 Synthetic Transfer Case/Manual Transmission Fluid	03-17-2011	66303
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Hydrocrack and hydrotreated paraffinic oils	72623-86-0 72623-85-9 72623-87-1	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

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>	390-600°F (199-315°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.864	<b>Vapor Pressure (mm Hg)</b>	N/D
<b>Vapor Density (Air =1)</b>	N/D	<b>Solubility in Water (%)</b>	<0.1
<b>% Volatiles by Volume</b>		<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/D
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Clear Dark Brown Liquid	<b>Odor</b>	Mild

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** 380°F(193°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 fog, 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 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, sulfur, magnesium, phosphorus, zinc.

**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. Signs and symptoms are discomfort, nausea, vomiting.

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

**Eye Contact** May cause irritation to the eyes on direct contact, symptoms include redness and blurred vision.

**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)**

<b>Chemical</b>	<b>CAS NO.</b>	<b>% in Product</b>
Zinc compound	---	1-5

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## **HANDLING AND STORAGE**

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### **Handling and Storage Precautions**

CAUTION: Contains petroleum oil. Avoid skin and eye contact. DO NOT store opened containers. 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  
Not Regulated

IMDG (Ocean)  
Not Regulated

IATA (Air)  
Not Regulated

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## DOCUMENTATION

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Product Code No.: 66303  
Previous Code No.: New

Issue Date: 03-17-2011  
Prior Date: 03-07-07

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