



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	3-7-07	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 ³	5 mg/m ³

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	390-600°F (199-315°C)	Freeze Point	N/D
Specific Gravity (H₂O=1) @ 15.6°C	0.864	Vapor Pressure (mm Hg)	N/D
Vapor Density (Air =1)	N/D	Solubility in Water (%)	<0.1
% Volatiles by Volume		Evaporation Rate (Butyl Acetate = 1)	N/D
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Dark Brown Liquid	Odor	Mild

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

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

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

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.

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, magnesium, phosphorus, zinc.

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 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.

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
Zinc compound	---	1-5

HANDLING AND STORAGE

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.

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
Not Regulated

IMDG (Ocean)
Not Regulated

IATA (Air)
Not Regulated

DOCUMENTATION

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

Issue Date: 3-7-07
Prior Date: New

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