



MATERIAL SAFETY DATA SHEET

WynnGuard Fully Synthetic Motor Oil SAE 5W-30

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:
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PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
WynnGuard Fully Synthetic Motor Oil SAE 5W-30	11-5-09	A8601, A8607

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	64742-54-7	5 mg/m ³ as mist	5 mg/m ³ 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	>572 F(>300 C)	Freeze Point	N/A
Specific Gravity (H₂O=1) @ 15.6°C	0.86 – 0.88	Vapor Pressure (mm Hg)	<0.01
Vapor Density (Air =1)	Heavier than air	Solubility in Water (%)	Negligible
% Volatiles by Volume	Negligible	Evaporation Rate (Butyl Acetate = 1)	Slower than ether
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Brown, Oily Liquid	Odor	Petroleum

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point >400°F(>204 °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

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

Extinguishing Media

Dry chemicals, water fog, foam, carbon dioxide.

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

Combustion can yield carbon, nitrogen, sulfur, phosphorus, and zinc oxides. Hydrogen sulfide may also be released.

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 irritation to digestive tract.

Skin Contact May cause irritation to skin in very sensitive individuals.

Eye Contact May cause 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 may cause mild skin irritation and inflammation. Used engine oils, while not a component of this material, are on the Proposition 65 list of chemicals known to the state of California to cause cancer.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) DO NOT induce vomiting. Call for medical help.

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

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

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

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.

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

N/A

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Zinc compound (0.4 – 2.0%)	---	0.09 as Zinc

HANDLING AND STORAGE

Handling and Storage Precautions

CAUTION: Contains petroleum oil. Avoid skin and eye contact. DO NOT store opened containers. Use entire contents. Keep away from heat or flame.

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

None required in normal use. If vapors exceed TLV/PEL values, use a NIOSH approved respirator.

Eye Protection

Safety glasses with side shields.

Protective Gloves

Rubber, plastic gloves.

Other Protective Clothing or Equipment

None special.

Work/Hygienic Practices

Personal cleanliness is always appropriate. Frequent washing minimizes chances of 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.: A8601, A8607
Previous Code No.: New

Issue Date: 11-5-09
Prior Date: New

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