



MATERIAL SAFETY DATA SHEET

Wynn's 100% Synthetic SAE 5W50 API SJ Engine Oil

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 100% Synthetic SAE 5W50 API SJ Engine Oil	10-05-05	34004
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
1-Decene, homopolymer, hydrogenated	68037-01-4	<70	5 mg/m ³	5 mg/m ³
Hexanedioic acid, bis(2-ethylhexyl) ester	103-23-1	<20	None Established	None Established
Zinc Dialkyldithiophosphate	63449-39-8	<2	None Established	None Established

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/D
Specific Gravity (H₂O=1) @ 15.6°C	0.865	Vapor Pressure (mm Hg)	<0.01
Vapor Density (Air =1)	Heavier than air	Solubility in Water (%)	0
% Volatiles by Volume	0	Evaporation Rate (Butyl Acetate = 1)	<1
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Dark Brown Liquid	Odor	Petroleum

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point >392°F(200 °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		Hazard Code
	1		0 - Least (insignificant)
Health		Reactivity	1 - Slight
1		0	2 - Moderate
	Other		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

Thermal decomposition may produce carbon monoxide and asphyxiants.

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 Not expected to be a primary skin irritant. Prolonged contact may cause redness, defatting of skin to sensitive individual.

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 irritation, defatting of skin and dryness.

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.

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	---	<2%

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

Normal use, none required.

Eye Protection

Safety glasses.

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.: 34004
Previous Code No.: 34004

Issue Date: 10-05-05
Prior Date: 11-24-99

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