



MATERIAL SAFETY DATA SHEET

Wynn's Engine Tune-Up

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 Engine Tune-Up	11-08-05	51123, 51124
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	64742-58-1	40-50	5mg/m ³	5mg/m ³
Petroleum Hydrocarbon	Petroleum Oil	64741-96-4	40-50	5mg/m ³	5mg/m ³

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

* As a mist

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	>600°F(315.5°C)	Freeze Point	-20°F(-29°C)
Specific Gravity (H₂O=1) @ 15.6°C	0.88	Vapor Pressure (mm Hg)	<1
Vapor Density (Air =1)	N/A	Solubility in Water (%)	0.1
% Volatiles by Volume	0	Evaporation Rate (Butyl Acetate = 1)	N/A
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Blue Liquid	Odor	Mineral Oil

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 355°F(179°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 2		Reactivity 0	1 - Slight
	Other --		2 - Moderate
			3 - High
			4 - Extreme

Extinguishing Media

Dry chemicals, carbon dioxide, water spray, foam.

Special Fire Fighting Procedures

Use water to cool fire-exposed containers. Fire fighters wear 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 and nitrogen.

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 the digestive tract. Signs and symptoms are discomfort, nausea, vomiting.

Skin Contact May absorb on long exposure. Single contact, no effect.

Eye Contact Will cause slight irritation to the eyes on direct contact. Signs include watery eyes, redness and burning.

Inhalation (breathing) May cause mild respiratory irritation if misting occurs. May cause irritation to the nose, throat and upper 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 result in various skin disorders, such as defatting of skin, irritation and dryness.

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. Remove contaminated clothing.

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

Inhalation (breathing) Remove person 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 sewers and water ways.

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 water 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

HANDLING AND STORAGE

Handling and Storage Precautions

CAUTION: Contains petroleum oil. Avoid contact with skin and eyes. Store in cool dry place. DO NOT store in opened containers. Use entire content.

Other Precautions

KEEP AWAY FROM CHILDREN.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Normal use condition, none required. If misting occurs a mechanical or local exhaust recommended.

Respiratory Protection

Under normal use conditions, 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 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.: 51223, 51224
Previous Code No.: 51123, 51224

Issue Date: 11-07-05
Prior Date: 04-21-99

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