



# MATERIAL SAFETY DATA SHEET

## WYNN'S HEAVY DUTY CONCENTRATE FOR ENGINES

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 Heavy Duty Concentrate for Engines	11-10-05	53361
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	64741-96-4 64742-58-1 64742-54-7	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>	>550°F(288°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.91	<b>Vapor Pressure (mm Hg)</b>	<0.1
<b>Vapor Density (Air =1)</b>	>1	<b>Solubility in Water (%)</b>	Negligible
<b>% Volatiles by Volume</b>	N/D	<b>Evaporation Rate (Butyl Acetate = 1)</b>	<1
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Clear brown liquid	<b>Odor</b>	Mineral oil

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** >300°F(>149°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>Flammability</b> 1		<b>Hazard Code</b> 0 - Least (insignificant)
<b>Health</b> 1		<b>Reactivity</b> 0	1 - Slight
	<b>Other</b> --		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 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, nitrogen, phosphorus and 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 may cause redness and defatting of skin.

**Eye Contact** May cause eye irritation.

**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>
N/A	N/A	N/A

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## HANDLING AND STORAGE

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### Handling and Storage Precautions

CAUTION: Contains petroleum oil. Avoid skin and eye contact. Keep containers closed. 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

	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

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## DOCUMENTATION

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Product Code No.: 53361  
Previous Code No.: 53321, 53361, 53362, 53363

Issue Date: 11-10-05  
Prior Date: 04-21-03

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