



# MATERIAL SAFETY DATA SHEET

## Wynn's Professional Products

### Power Steering Rack and Pinion Flush

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 Professional Products Power Steering Rack and Pinion Flush	08-30-05	62401, 62402
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	64741-97-5	5 mg/m <sup>3</sup> as Mist	5 mg/m <sup>3</sup> as mist
Petroleum Distillate	Petroleum Distillate	68476-34-6	5 mg/m <sup>3</sup> as Mist	5 mg/m <sup>3</sup> as mist
Petroleum Hydrocarbon	Petroleum Oil	64742-58-1	5 mg/m <sup>3</sup> as Mist	5 mg/m <sup>3</sup> 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).

<b>Boiling Point/Range</b>	325-750°F (163-399°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.86	<b>Vapor Pressure (mm Hg)</b>	N/D
<b>Vapor Density (Air =1)</b>	Heavier than air	<b>Solubility in Water (%)</b>	0%
<b>% Volatiles by Volume</b>	N/D	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Slower than ether
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Clear, amber liquid	<b>Odor</b>	Slight aromatic

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** 290°F(143°C) **Method** Pensky-Marten Closed Cup ASTM D-93

**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) 1 - Slight 2 - Moderate 3 - High 4 - Extreme
<b>Health</b> 2		<b>Reactivity</b> 0	
	<b>Other</b> --		

**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**

Containers exposed to heat will develop vapor pressure. Cool containers with water.

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## REACTIVITY DATA

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**Stability**

Stable.

**Conditions to Avoid**

Sources of heat or flame.

**Materials to Avoid**

Strong oxidizing agents.

**Hazardous Decomposition or Combustion Products**

Thermal decomposition may produce oxides of carbon, nitrogen, 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) May be harmful or fatal if swallowed. Due to its low viscosity, it may enter lungs during swallowing or vomiting. Once in lungs serious damage may occur.

**Skin Contact** May cause slight skin irritation. Prolonged contact with skin will cause drying and defatting of skin. Can be absorbed through skin on prolonged contact.

**Eye Contact** Will cause irritation to the eyes which may result in watery eyes and redness.

**Inhalation** (breathing) Inhalation of vapors or mist, will cause mild irritation to the upper respiratory tract. High level of vapor respiration will result in central nervous system depression, light headedness, and dizziness.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Prolonged/repeated overexposure may cause rashes, central nervous system depression, and kidney damage.

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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. Call a physician immediately.

**Skin Contact** Wash effected area with soap and water.

**Eye Contact** Flush eyes with water for 15 minutes. If irritation persists call a physician.

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

**Comments** NOTE TO PHYSICIANS: If more than 2 mls. per kg. body weight has been ingested, emesis should be induced with supervision. Gastric lavage using a cuffed endotracheal tube is recommended by some physicians to prevent aspiration.

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## SPILL OR RELEASE CONTROL PROCEDURES

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### Steps to be taken in case material is released or spilled

Isolate area and restrict entry. Combustible. Eliminate all sources of ignition. Use absorbent material. Shovel into waste containers. Remove containers out of doors. Prevent liquid from entering 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
N/A	N/A	N/A

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## HANDLING AND STORAGE

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**Handling and Storage Precautions**

Skin and eye irritant. Combustible. Keep away from heat and sparks. Store in a cool, dry place. Keep containers closed.

**Other Precautions**

KEEP OUT OF REACH OF CHILDREN.

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## PERSONAL PROTECTION - EXPOSURE CONTROL

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**Ventilation**

General ventilation for normal use. In an enclosed area, an explosion proof local exhaust is recommended.

**Respiratory Protection**

Normal use none required.

**Eye Protection**

Safety glasses with side shield.

**Protective Gloves**

Oil resistant gloves.

**Other Protective Clothing or Equipment**

Eye wash station.

**Work/Hygienic Practices**

Personal cleanliness is always appropriate. Frequent washing minimizes chances of 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	X	Not Hazardous by DOT
	Combustible Liquid		Other:

**DOT Proper Shipping Name**

N/A

**DOT ID Number**

N/A

**DOT Packing Group**

N/A

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**DOCUMENTATION**

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Product Code No.: 62401, 62402  
Previous Code No.: 62401, 62402

Issue Date: 08-30-05  
Prior Date: 06-18-04

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