



MATERIAL SAFETY DATA SHEET

Wynn's Diesel Anti-Knock

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 Diesel Anti-Knock	08-25-05	56806, 56823
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Petroleum Distillate	68476-34-6	70-80	Not Established	Not 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	310-700°F(154-371°C)	Freeze Point	-10°F(-23°C)
Specific Gravity (H₂O=1) @ 15.6°C	0.86	Vapor Pressure (mm Hg)	N/D
Vapor Density (Air =1)	Heavier than Air	Solubility in Water (%)	0
% Volatiles by Volume	82	Evaporation Rate (Butyl Acetate = 1)	Slower than Ether
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Thin Liquid	Odor	Petroleum Distillate

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 170°F(77°C) **Method** Pensky - Martens 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

	Flammability 2		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 only to cool containers. Fire fighters wear self contained breathing apparatus when hydrocarbons are involved in fire.

Unusual Fire and Explosion Hazards

Containers exposed to heat from fire should be cooled with water to prevent vapor pressure build up.

REACTIVITY DATA

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 and sulfur.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) Ingestion of product may result in vomiting.

Skin Contact Single contact, moderate irritation to skin. Prolonged or repeated contact can result in defatting and drying of skin, may cause mild sensation.

Eye Contact May cause slight irritation to eyes.

Inhalation (breathing) Inhalation of vapors or mist may cause mild irritation to the upper respiratory tract. High level exposure may result in central nervous system depression.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Repeated skin contact is evidenced by rash. Inhalation may cause headaches, dizziness and nausea. Kidney damage may result following aspiration pneumonitis.

EMERGENCY AND FIRST AID PROCEDURES

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

Skin Contact Remove contaminated clothes. 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 person to fresh air to avoid further inhalation.

Comments NOTE TO PHYSICIANS: If more than 2 ml. per KG of body weight has been ingested and vomiting has not occurred, emeses should be induced with qualified medical supervision.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Isolate area and restrict entry. Flammable liquid. Eliminate all sources of ignition. Use absorbent, sand or clay. Shovel into containers. Remove out of doors. Prevent liquid from entering sewers and water ways.

Waste Disposal Method

In compliance with Federal, State and Local regulations.

Environmental Hazard (EPA-CWA, Section 311)

This product classified as an oil. Spills leading to surface waters that causes 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 distillate. Avoid skin and eye contact. Combustible. Keep away from heat and sparks. Keep containers closed. DO NOT store opened containers. Use entire contents.

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Normal use, none required. Explosion proof exhaust recommended in enclosed area.

Respiratory Protection

Normal use none required.

Eye Protection

Safety glasses.

Protective Gloves

Impervious 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 (Not DOT regulated in these quantities)

DOT ID Number

N/A

DOCUMENTATION

Product Code No.: 56806, 56823
Previous Code No.: 568

Issue Date: 08-25-05
Prior Date: 10-29-97

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.