



MATERIAL SAFETY DATA SHEET

Wynn's Internal Engine Cleaner

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 Internal Engine Cleaner	08-24-05	36301, 36304
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	Not Established	Not Established
Petroleum Hydrocarbon	Petroleum Distillate	64741-97-5	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	350-410°F (177-210°C)	Freeze Point	N/D
Specific Gravity (H₂O=1) @ 15.6°C	0.88	Vapor Pressure (mm Hg)	<1
Vapor Density (Air =1)	>1	Solubility in Water (%)	Negligible
% Volatiles by Volume	N/D	Evaporation Rate (Butyl Acetate = 1)	<1
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear Brown Thin Liquid	Odor	Hydrocarbon

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 234°F(112°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 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 only to cool fire exposed containers. Fire fighters wear a self contained breathing apparatus.

Unusual Fire and Explosion Hazards

The material is combustible and may be ignited by heat or flame.

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, nitrogen, sulfur, phosphorus, and zinc.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) May result in vomiting. May cause irritation to digestive tract.

Skin Contact Can be absorbed through skin on prolonged contact. Single contact, no effect likely. Prolonged and repeated contact can result in defatting and drying of the skin. Can cause redness and itching.

Eye Contact May cause irritation, burning, blurred vision and redness.

Inhalation (breathing) Inhalation can cause irritation to nose and throat and upper respiratory tract. Concentrated vapor respiration can cause dizziness, nausea and central nervous system damage.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Kidney damage may occur if large quantities are swallowed.

EMERGENCY AND FIRST AID PROCEDURES

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

Skin Contact Remove contaminated clothing. Wash affected area with soap and water. 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. Call for medical help.

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

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Isolate area and restrict entry. Combustible. Eliminate ignition sources. Use absorbent sand or clay. Shovel in containers and remove out of doors. Prevent liquid from entering sewers and water ways.

Waste Disposal Method

In accordance with all Federal, State and Local regulations.

Environmental Hazard (EPA-CWA, Section 311)

Spills of this material 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	--	0.6

HANDLING AND STORAGE

Handling and Storage Precautions

WARNING: Contains petroleum distillates. Avoid skin and eye contact. Avoid breathing of vapors. Combustible. Keep away from heat and sparks. Use entire contents. DO NOT store opened containers.

Other Precautions

KEEP AWAY FROM CHILDREN.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Normal use, none required.

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 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.: 36301, 36304
Previous Code No.: 36301, 36304

Issue Date: 08-24-05
Prior Date: 06-17-04

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