



# MATERIAL SAFETY DATA SHEET

## Wynn's Spit Fire<sup>®</sup> Octane Booster

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 Spit Fire Octane Booster	08-25-05	57903, 57905, 57906
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	68334-30-5	90-100	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>	400-500°F (204-260°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.83	<b>Vapor Pressure (mm Hg)</b>	<1
<b>Vapor Density (Air =1)</b>	>1	<b>Solubility in Water (%)</b>	Negligible
<b>% Volatiles by Volume</b>	90-100	<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 Light Brown Liquid	<b>Odor</b>	Petroleum Distillate

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

---

## FIRE AND EXPLOSION HAZARD DATA

---

**Flash Point** 167°F(75°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

	<b>Flammability</b> 2		<b>Hazard Code</b> 0 - Least (insignificant)
<b>Health</b> 2		<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 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 this material may cause vomiting. Aspiration into the lungs during ingestion or vomiting can result in severe pulmonary damage..

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

**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 pneumonities.

---

## EMERGENCY AND FIRST AID PROCEDURES

---

**Ingestion** (swallowing) DO NOT induce vomiting. If vomiting occurs keep head below hips to help keep liquid from entering the lungs. 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: Aspiration into the lungs during ingestion or vomiting can result in severe pulmonary damage.

---

## SPILL OR RELEASE CONTROL PROCEDURES

---

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

Isolate area and restrict entry. Combustible 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

Dispose of in accordance 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

Provide adequate general or local ventilation to maintain concentrations below TLV/PEL limits.

### Respiratory Protection

None normally required. If vapors exceed TLV/PEL values, use a NIOSH approved respirator.

### Eye Protection

Safety glasses.

### Protective Gloves

Chemical resistant 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		Not Hazardous by DOT
XXX	Combustible Liquid		Other:

**DOT Proper Shipping Name**

N/A (Not DOT regulated in containers with a capacity less than 119 gallons.)

**DOT ID Number**

N/A

**PACKING GROUP**

N/A

---

**DOCUMENTATION**

---

Product Code No.: 57903, 57905, 57906  
Previous Code No.: 57903, 57905, 57906

Issue Date: 08-25-05  
Prior Date: 08-10-01

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.