



# MATERIAL SAFETY DATA SHEET

## Wynn's Tab for Fuel

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 Tab for Fuel	10-04-05	24501, 24505, 24507
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Ferrocene	Dicyclopentadienyl iron -	102-54-5	15 mg/m <sup>3</sup>	10 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>	480°F(249°C)	<b>Freeze Point</b>	N/D
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	N/A	<b>Vapor Pressure (mm Hg)</b>	0.03
<b>Vapor Density (Air =1)</b>	N/D	<b>Solubility in Water (%)</b>	Insoluble
<b>% Volatiles by Volume</b>	N/D	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/D
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Bright orange solid tablet	<b>Odor</b>	Mild turpentine-like odor

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** N/A **Method** Pensky-Martens 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> 3		<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

Use water fog, dry chemical or carbon dioxide.

### Special Fire Fighting Procedures

Use water to cool fire exposed containers. Fire fighters wear a self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards

Moderate fire hazard. Can be readily ignited by sparks.

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## REACTIVITY DATA

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### Stability

Stable.

### Conditions to Avoid

Exposure to heat, sparks, flames.

### Materials to Avoid

Strong oxidizers.

### Hazardous Decomposition or Combustion Products

Thermal decomposition may produce acrid smoke and irritating fumes.

### 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) Moderately toxic by ingestion. Acute oral LD50 rat: 1320 mg/kg.

**Skin Contact** May cause slight skin irritation upon direct contact. May be harmful if absorbed through skin. LD50 dermal rat 3,000 mg/kg.

**Eye Contact** May cause slight eye irritation upon direct contact

**Inhalation** (breathing) Inhalation of dust may cause respiratory tract irritation. Moderately toxic by inhalation. Acute LC50>150 mg/m3.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Chronic ingestion has produced liver damage in experimental animals.

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## EMERGENCY AND FIRST AID PROCEDURES

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**Ingestion** (swallowing) DO NOT induce vomiting. Wash out mouth with water if patient is conscious. Call for medical attention.

**Skin Contact** Wash affected area with soap and water. Remove contaminated clothing.

**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.

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## SPILL OR RELEASE CONTROL PROCEDURES

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

Eliminate sources of ignition. Use absorbent sweeping compound to soak up material. Shovel into containers with non-sparking tools. Remove out of doors.

### Waste Disposal Method

Dispose of as a hazardous waste in accordance with Federal, State and Local regulations.

### 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**

Flammable solid. Keep away from heat, sparks or open flame. Store in a cool, dry place. DO NOT puncture or incinerate. Avoid breathing vapors.

### **Other Precautions**

KEEP AWAY FROM CHILDREN.

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## **PERSONAL PROTECTION - EXPOSURE CONTROL**

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### **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 with side shields.

### **Protective Gloves**

Chemical-resistant gloves.

### **Other Protective Clothing or Equipment**

Eye wash station is recommended.

### **Work/Hygienic Practices**

Personal cleanliness is always appropriate. Frequent washing minimizes chance of inadvertent exposure.

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## TRANSPORTATION INFORMATION

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### Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
XXX	Flammable Solid (4.1)		Non-Flammable Gas
	Flammable Gas		Not Hazardous by DOT
	Combustible Liquid		Other:

### DOT Proper Shipping Name

Flammable solid, N.O.S. (Contains Dicyclopentadienyl iron)

Note: Consumer Commodity, ORM-D may be used for ground transportation in the USA.

### DOT ID Number

UN 1325

### DOT Packing Group

III

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## DOCUMENTATION

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Product Code No.: 24501, 24505, 24507  
Previous Code No.: 24501, 24505, 24507

Issue Date: 10-05-05  
Prior Date: 09-30-02

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