# Material Safety Data Sheet
## Wynn's Fuel Injector 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

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Effective Date</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wynn's Fuel Injector Cleaner</td>
<td>3-22-06</td>
<td>65221A</td>
</tr>
</tbody>
</table>

### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Hydrocarbon</td>
<td>68334-30-5</td>
<td>90-95</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Aromatic Solvent</td>
<td>64742-95-6</td>
<td>1-5</td>
<td>None Established</td>
<td>None Established</td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point/Range</td>
<td>&gt;405°F (&gt;207°C)</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1) @ 15.6°C</td>
<td>0.837</td>
</tr>
<tr>
<td>Vapor Density (Air =1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>% Volatiles by Volume</td>
<td>N/D</td>
</tr>
<tr>
<td>pH (as is)</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Amber Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum Distillate</td>
</tr>
<tr>
<td>Freeze Point</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Solubility in Water (%)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>pH (dilute) @ %</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than
## FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Flammable or Explosive Limits (Approximate percent by volume in air)</th>
<th>Lower (LEL)</th>
<th>Upper (UEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/D</td>
<td>N/D</td>
<td></td>
</tr>
</tbody>
</table>

### Hazard Class Identification

- **Flammability**: 2
- **Health**: 2
- **Reactivity**: 0
- **Other**: --

### 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)
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. May cause mild sensitization.

Eye Contact May cause mild to moderate 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. 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 getting into 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.

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


<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS NO.</th>
<th>% in Product</th>
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</thead>
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<tr>
<td>N/A</td>
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**HANDLING AND STORAGE**

**Handling and Storage Precautions**


**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**

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>DOT Classification</th>
</tr>
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<tbody>
<tr>
<td>Flammable Liquid</td>
<td>Corrosive</td>
</tr>
<tr>
<td>Flammable Solid</td>
<td>Non-Flammable Gas</td>
</tr>
<tr>
<td>Flammable Gas</td>
<td>XXX</td>
</tr>
<tr>
<td>Combustible Liquid</td>
<td>Not Hazardous by DOT</td>
</tr>
</tbody>
</table>

DOT Proper Shipping Name

N/A (Not DOT regulated in quantities at or less than 119 gallons.)

DOT ID Number

N/A

PACKING GROUP

N/A

DOCUMENTATION

Product Code No.: 65221A  
Previous Code No.: 65221A  
Issue Date: 3-24-06

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.