



# MATERIAL SAFETY DATA SHEET

## Wynn's Professional Products Valve Injector Combustion Chamber Cleaner (V.I.C) for Fiat Brazil

WYNN'S  
A division of Illinois Tool Works Inc.  
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**EMERGENCY TELEPHONE NUMBER:**  
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**INFORMATION TELEPHONE NUMBER:**  
Wynn's (626) 334-0231

### PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Valve Injector Combustion Chamber Cleaner (V.I.C.) for Fiat Brazil	10-07-05	36001
CHEMICAL NAME	CAS NUMBER	
NA	NA	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Xylene	Mixed Xylenes	1330-20-7	30 - 32	100 ppm	100 ppm
Ethyl benzene	Phenylethane	100-41-4	1-10	100 ppm	100 ppm
Butyl Cellosolve	2-Butoxyethanol	111-76-2	1 - 5	50 ppm	25 ppm, skin
Toluene	Methylbenzene	108-88-3	10 - 12	200 ppm	50 ppm
Butyl carbitol	Diethylene Glycol Mono-butyl Ether	112-34-5	1 - 5	None Established	None Established
Hexylene Glycol	4-methyl-2, 4-pentanediol	107-41-5	1 - 5	25 ppm	25 ppm ceiling
Isopropanol	2-Propanol	67-63-0	1 - 5	400 ppm	400 ppm
Aqua Ammonia	Ammonium Hydroxide	1336-21-6	1 - 5	None Established	None Established
Petroleum Hydrocarbon	Alphatic Petroleum Distillates	64742-89-8	10 - 20	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Ethanol	Ethyl Alcohol	64-17-5	10-20	1000 ppm	1000 ppm

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>	172-388°F (78-198°C)	<b>Freeze Point</b>	NDA
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.859	<b>Vapor Pressure (mm Hg)</b>	NDA
<b>Vapor Density (Air =1)</b>	NDA	<b>Solubility in Water (%)</b>	Disperses
<b>% Volatiles by Volume</b>	NDA	<b>Evaporation Rate (Butyl Acetate = 1)</b>	>1
<b>pH (as is)</b>	8.7	<b>pH (dilute) @ 5 %</b>	8.5
<b>Appearance</b>	Clear amber liquid	<b>Odor</b>	Aromatic Solvent

NDA - No Data Available

N/A - Not Applicable

N/D - Not Determined

< = Less Than

> = Greater Than

## FIRE AND EXPLOSION HAZARD DATA

**Flash Point** 32°F(0°C) **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**

**Flammability**  
3

**Hazard Code**  
0 - Least  
(insignificant)

**Health**  
2

**Reactivity**  
0  
1 - Slight  
2 - Moderate  
3 - High  
4 - Extreme

**Other**  
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**Extinguishing Media**

Carbon dioxide, dry chemicals, foam, water fog.

**Special Fire Fighting Procedures**

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

### Unusual Fire and Explosion Hazards

DO NOT spray near open flames.

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## REACTIVITY DATA

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### Stability

Stable.

### Conditions to Avoid

Heat, open flame.

### Materials to Avoid

Strong acids and oxidizing agents.

### Hazardous Decomposition or Combustion Products

Thermal decomposition will produce smoke, oxides of carbon, and nitrogen.

### 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) May cause gastrointestinal irritation, nausea, vomiting. Aspiration into the lungs can cause chemical pneumonitis which can be fatal.

**Skin Contact** Prolonged and repeated contact can cause moderate skin irritation, defatting of skin, dermatitis. Can absorb through skin, on prolonged contact.

**Eye Contact** Severe irritant to eyes. Will cause burning of eyes, blurred vision, watery eyes.

**Inhalation** (breathing) Vapors are harmful if inhaled. Irritant to upper respiratory tract. May cause dizziness, nausea, headaches.

### Other Effects of Prolonged/Repeated Overexposure

This product contains chemicals that have been identified as a carcinogen by NTP, IARC or OSHA. Vapors in a confined area in high concentrations are anesthetic. Overexposure may result in light headiness, dizziness, nausea. Chronic Effect: Prolonged and repeated over-exposure to solvents may result in brain and nervous system damage. May cause kidney and liver damage. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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## EMERGENCY AND FIRST AID PROCEDURES

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**Ingestion** (swallowing) DO NOT induce vomiting. Call a physician immediately.

**Skin Contact** Wash effected 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 vapor inhalation.

**Comments** NOTE TO PHYSICIANS: Rapid absorption may occur through lungs. The decision whether to induce vomiting must be made by the attending physician.

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## SPILL OR RELEASE CONTROL PROCEDURES

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

Remove all sources of ignition. Ventilate area. Remove with absorbent material. Use non-sparking tools. Shovel into waste drum. Remove drum out of doors.

### Waste Disposal Method

Dispose of in accordance with Federal, State and Local regulations.

### EPA Reportable Quantity (RQ), 40CFR302 (CERCLA104)

Xylene (1000 lbs.), Toluene (1000 lbs.)

### EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Xylene	1330-20-7	30-32
Toluene	108-88-3	10-12
Glycol Ethers	--	1-10
Ethyl benzene	100-41-4	1-10

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## HANDLING AND STORAGE

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### **Handling and Storage Precautions**

Danger: Flammable liquid. Keep away from heat and flame. Vapors harmful. Contains petroleum distillates and xylene. Store away from heat, flame spark. Avoid breathing of vapors. Use adequate ventilation.

### **Other Precautions**

KEEP OUT OF REACH OF CHILDREN.

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## **PERSONAL PROTECTION - EXPOSURE CONTROL**

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### **Ventilation**

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

### **Respiratory Protection**

Normal use, none required. To prevent over-exposure, NIOSH approved organic vapor respirator is recommended.

### **Eye Protection**

Chemical splash goggles.

### **Protective Gloves**

Impervious gloves.

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

Eye wash station.

### **Work/Hygienic Practices**

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

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## **TRANSPORTATION INFORMATION**

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**Department of Transportation (DOT) Classification**

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

**DOT Proper Shipping Name**

Flammable liquids, N.O.S. (Toluene, Xylene)

**DOT ID Number**

UN 1993

**PACKAGING GROUP**

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

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**DOCUMENTATION**

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Product Code No.: 36001  
Previous Code No.: 36001

Issue Date: 10-07-05  
Prior Date: 10-06-99

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