



MATERIAL SAFETY DATA SHEET

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

WYNN'S
A division of Illinois Tool Works Inc.
1151 West Fifth Street
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PRODUCT IDENTIFICATION

PRODUCT NAME

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

EFFECTIVE DATE

12-30-05

PRODUCT CODE

61510, 61517

CHEMICAL NAME

NA

CAS NUMBER

NA

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Xylene	Mixed Xylenes	1330-20-7	100 ppm	100 ppm
Ethyl benzene	Phenylethane	100-41-4	100 ppm	100 ppm
Petroleum Hydrocarbon	Solvent Naphtha Light Aromatic	64742-47-8	None Established	None Established
Isopropanol	2-Propanol	67-63-0	400 ppm	400 ppm
Petroleum Hydrocarbon	Aliphatic Petroleum Distillates	64742-89-8	None Established	None 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	180-300°F(121-232°C)	Freeze Point	N/D
Specific Gravity (H₂O=1) @ 15.6°C	0.83	Vapor Pressure (mm Hg)	>1
Vapor Density (Air =1)	>1	Solubility in Water (%)	Disperses
% Volatiles by Volume	N/D	Evaporation Rate (Butyl Acetate = 1)	>1
pH (as is)	N/A	pH (dilute) @ 5 %	N/A
Appearance	Clear amber liquid	Odor	Aromatic Solvent

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point	61°F(16°C)	Method	Pensky-Martens ASTM D-93
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Flammable or Explosive Limits (Approximate percent by volume in air)

Lower (LEL)	N/D	Upper (UEL)	N/D
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Hazard Class Identification

	Flammability 3		Hazard Code 0 - Least (insignificant)
Health 2		Reactivity 0	1 - Slight
	Other ---		2 - Moderate
			3 - High
			4 - Extreme

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.

REACTIVITY DATA

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.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) May be harmful or fatal if swallowed. Due to its low viscosity, it may enter lungs during swallowing or vomiting. Once in lungs serious damage may occur.

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

Eye Contact 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 trace 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.

EMERGENCY AND FIRST AID PROCEDURES

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

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 vapor inhalation.

Comments NOTE TO PHYSICIANS: Ingestion or subsequent vomiting can result in aspiration of light hydrocarbon liquid into the lungs, which can cause pneumonitis.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Eliminate all sources of ignition. Isolate and contain material, restrict entry to area. Insure adequate ventilation and absorb with appropriate inert materials. Use non-sparking tools. Place absorbed material into waste containers.

Waste Disposal Method

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

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

Xylene (100 lbs.), Ethyl benzene (1,000 lbs.)

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Xylene	1330-20-7	30-40
Ethyl benzene	100-41-4	1-10

HANDLING AND STORAGE

Handling and Storage Precautions

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

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

If vapors exceed TLV/PEL values, use a NIOSH approved respirator.

Eye Protection

Safety glasses with side-shields.

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.

TRANSPORTATION INFORMATION

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. (Xylene, Isopropanol)

DOT ID Number

UN 1993

PACKAGING GROUP

II

Note: Consumer Commodity, ORM-D may be used for ground transportation within the USA for cases of 61510, 61517.

DOCUMENTATION

Product Code No.: 61510, 61517
Previous Code No.: 61510, 61517

Issue Date: 12-30-05
Prior Date: 08-17-05

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