



MATERIAL SAFETY DATA SHEET

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

WYNN OIL COMPANY
1151 West Fifth Street
Azusa, California 91702

EMERGENCY TELEPHONE NUMBER:
Chemtrec (800) 424-9300
INFORMATION TELEPHONE NUMBER:
Wynn Oil Company (626) 334-0231

PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Valve Injector Combustion Chamber Cleaner (V.I.C.)	7-20-00	61504, 61510, 61512, 61513, 61516, 61517
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 - 40	100 ppm	100 ppm
Ethyl benzene	Phenylethane	100-41-4	1-10	100 ppm	100 ppm
Aromatic Solvent	Aromatic Petroleum Distillate	64742-95-6	10 - 20	None Established	None Established
Butyl Cellosolve	2-Butoxyethanol	111-76-2	1 - 5	50 ppm	25 ppm, skin
Toluene	Methylbenzene	108-88-3	10 - 20	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 ³	5 mg/m ³

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	250-450°F(121-232°C)	Freeze Point	-5°F(-21°C)
Specific Gravity (H ₂ O=1) @ 15.6°C	0.867	Vapor Pressure (mm Hg)	N/D
Vapor Density (Air =1)	N/D	Solubility in Water (%)	Disperses

% Volatiles by Volume	N/D	Evaporation Rate (Butyl Acetate = 1)	Slower than ether
pH (as is)	10.0	pH (dilute) @ 5 %	9.2
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 54°F(12°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

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

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 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 headedness, 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 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.

SPILL OR RELEASE CONTROL PROCEDURES

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	30-40
Toluene	108-88-3	10-20
Glycol Ethers	--	1-10
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 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.

PERSONAL PROTECTION - EXPOSURE CONTROL

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.

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. (Toluene, Xylene)

DOT ID Number

UN 1993

PACKAGING GROUP

II

Note: Consumer Commodity, ORM-D may be used for ground transportation within the USA for packages with inner containers not exceeding 1 liter.

DOCUMENTATION

Product Code No.: 61504, 61510, 61512, 61513, 61516, 61517
Previous Code No.: 61510, 61512, 61513, 61516, 61517

Issue Date: 7-20-00
Prior Date: 4-21-99

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.