



MATERIAL SAFETY DATA SHEET

Wynn's Professional Products Windshield Washer Concentrate

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 NAME
Wynn's Professional Products Windshield Washer Concentrate	2-26-08	A5201
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Methanol	Methyl Alcohol	67-56-1	200 ppm	200 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).

Boiling Point/Range	148°F(64°C)	Freeze Point	-40 °F(-44 °C)
Specific Gravity (H₂O=1) @ 15.6°C	0.850	Vapor Pressure (mm Hg)	97
Vapor Density (Air =1)	1.1	Solubility in Water (%)	100% miscible
% Volatiles by Volume	80-90%	Evaporation Rate (Butyl Acetate = 1)	5.9
pH (as is)	N/A	pH (dilute) @ 2 %	N/A
Appearance	Clear Blue Liquid	Odor	Pungent Odor

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 58°F(14°C) **Method** PMCC D-93

Flammable or Explosive Limits (Approximate percent by volume in air)

Lower (LEL) 6% Upper (UEL) 36%

Hazard Class Identification

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

Methanol can burn with little or no visible flame.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Heat, ignition sources, sparks, open flame.

Materials to Avoid

Strong oxidizers.

Hazardous Decomposition or Combustion Products

Thermal decomposition may produce carbon monoxide and formaldehyde.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing)	Toxic. Symptoms parallel inhalation. Can intoxicate and cause blindness. Usual fatal dose: 100-125 milliliters.
Skin Contact	Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure.
Eye Contact	Irritant. Continued exposure may cause eye lesions.
Inhalation (breathing)	A slight irritant to the mucous membranes. Toxic effects can be exerted upon nervous system, particularly the optic nerve. Once absorbed into the body, it is very slowly eliminated. Symptoms of overexposure may include headache, drowsiness, nausea, vomiting, blurred vision, blindness, coma, and death. A person may get better but then worse again up to 30 hours later.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Marked impairment of vision has been reported. Repeated or prolonged exposure may cause skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing)	Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
Inhalation (breathing)	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Comments	NOTE TO PHYSICIANS: Methyl alcohol possesses distinct narcotic properties. Its main toxic effect is on the nervous system and the optic nerves. In the body, the products formed by its oxidation are formaldehyde and formic acid, both of which are toxic. Severe exposure may cause unconsciousness, cardiac depression and eventually death.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Wear proper safety equipment. Eliminate all sources of ignition. Ventilate area and avoid breathing vapors. Use absorbent material. Place in a closed container.

Waste Disposal Method

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

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

Methanol (5000 lbs)

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Methanol	67-56-1	80-90

HANDLING AND STORAGE

Handling and Storage Precautions

DANGER: Poison, Flammable. Vapor harmful. Keep away from fire and open flame. Store in cool dry place.

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Local exhaust is recommended to keep below acceptable limits.

Respiratory Protection

If personal exposure cannot be controlled below acceptable limits, wear a properly fitted NIOSH/MSHA 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 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

Methanol Solution

DOT ID Number

UN 1230

DOT Packing Group

II

NOTE: CONSUMER COMMODITY, ORM-D MAY BE USED FOR GROUND TRANSPORTATION WITHIN THE USA.

DOCUMENTATION

Product Code No.: A5201
Previous Code No.: New

Issue Date: 2-26-08
Prior Date: New

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.