

MATERIAL SAFETY DATA SHEET

IDENTITY (As used on label and list): **POLAR WINDSHIELD WASHER FLUID**

PRODUCT CODE: **WW21006P, WW210055**

NFPA Hazard Identification 0 – Least 1 – Slight 2 – Moderate 3 – High 4 - Extreme

Health: 1

Fire: 2

Reactivity: 0

Section I - General Information

Warren Distribution, Inc.

2849 River Road
Council Bluffs, IA 51501
Information (402) 341-9397

Emergency **(402) 677-1331**

Chemtrec

(800) 424-9300

Revised: **08/23/01**

Section II – Hazardous Ingredients

COMPONENT NAME	%	CAS	PEL MIST	PEL VAPOR
Methanol	<35	67-56-1	200 ppm	250 ppm

NON-HAZARDOUS INGREDIENTS

Water >65

Section III - Hazards Identification

EYE CONTACT: May be slightly irritating. If taken internally may cause blindness.

SKIN CONTACT: May be absorbed in harmful amounts and cause blindness. Repeated skin contact may cause dermatitis.

INHALATION: Harmful if inhaled. Can cause aggravation to upper respiratory tract.

INGESTION: May be fatal or cause blindness if swallowed.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation may cause coughing, shortness of breath, dizziness, and possible collapse. Absorption may cause blurred vision, photophobia, and possible acidosis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, asthma

OTHER HEALTH INFORMATION: Methanol cannot be made nonpoisonous.

Section IV - First Aid Procedures

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritation develops, seek medical attention.

INHALATION: Remove from exposure, monitor breathing. If breathing stops administer mouth to mouth resuscitation and seek medical attention.

INGESTION: Induce vomiting using syrup of ipecac or the back of a spoon. Call hospital, emergency room, or poison control for further instructions.

CARCINOGENICITY: This item is not a listed carcinogen

Section V - Fire and Explosion Hazard Data

Flash Point (deg F): 105 F TCC

Flammable or Explosive Limits (approximate % by volume in air) LEL: 3.2 UEL: 15.3

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, or foam.

SPECIAL FIRE FIGHTING PROCEDURES:

Fire may not be visible to the naked eye. Use NIOSH/OSHA approved self-contained breathing apparatus and other protective gear. Water spray may be used to cool tank or containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Releases flammable vapors below normal ambient temperatures. When mixed with air and exposed to ignition source, can burn if open or explode if confined.

Section VI - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Confine liquid. Do not let liquid reach water ways or sewers. Remove free liquid and remove residue with inert materials.

Section VII - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in tightly closed/properly vented containers away from heat, sparks, open flame, and strong oxidizing agents.

OTHER PRECAUTIONS: Empty drums could contain flammable vapors.

Section VIII - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: If proper mechanical ventilation can not be achieved use appropriate NIOSH approved respirator protection.

VENTILATION: Use mechanical ventilation of adequate volume to remove the vapors.

PROTECTIVE GLOVES: Neoprene or other solvent resistant material.

EYE PROTECTION: Goggles or full face shield. An eye wash station near by is also a good idea.

OTHER PROTECTIVE EQUIPMENT: Rubber apron, safety boots, sleeves if skin contact is possible.

WORK PRACTICES/ENGINEERING CONTROLS: Keep containers closed when not in use. Store smaller containers in approved cabinets

PERSONAL HYGIENE: Wash hands before eating or drinking. Wash contaminated clothing before rewearing.

Section IX- Physical/Chemical Characteristics

Boiling Point (deg F): 168 F Specific Gravity (H₂O=1): .949 Vapor Pressure (mm Hg): 97
Melting Point (deg F): n/a Vapor Density (Air=1):1.105 Solubility in Water: Total
Evaporation Rate (n-butyl Acetate=1):4.6

APPEARANCE AND ODOR: Blue with methanol smell.

Section X - Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID: Ignition sources, extreme temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS POLYMERIZATION: None

Section XI - Toxicological Information

See Section IV

Section XII - Ecological Information

This product is undergoing testing to determine ecological effects.

Section XIII - Disposal Considerations

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable Local, State, and Federal regulations.

Section XIV - Transport Information

This product is not regulated by the Department of Transportation for ground transport inside of the United States.

Section XV-Regulatory Information

This product contains methanol which is listed as a SARA Title 3 chemical. This chemical requires reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act.

This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all the information required by the CFR.

This material safety data sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in the data sheet we received from sources outside our company and we believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.