



# MATERIAL SAFETY DATA SHEET



## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME | Aquapel Premium Windshield Washer Fluid & De-Icer

PRODUCT CODE | 47105

ISSUE DATE | 12/08/08

### EMERGENCY TELEPHONE NUMBERS

Medical Information: 1-866-359-5662

Transportation: 1-800-424-9300\*

\* For spill, leak, fire or transport accident emergencies.

Product Information: 1-800-774-5555

DISTRIBUTOR | Pittsburgh Glass Works  
STREET ADDRESS | One PPG Place 6th Floor East  
CITY, STATE, ZIP | Pittsburgh, PA 15272  
www.aquapel.com

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Methanol	67-56-1	35.0-36.0	200 ppm	200 ppm	None
Propylene Glycol	57-55-6	2.0-2.3	None	None	None

## SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Can cause eye and skin irritation. Harmful if swallowed Irritating to respiratory tract. Danger: Poison, Flammable Cannot be made non-poisonous.
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POTENTIAL HEALTH EFFECTS	
INGESTION .....	Can cause blindness.
INHALATION .....	May cause headaches, dizziness, nausea, incoordination, drowsiness, visual impairment and unconsciousness.
EYE CONTACT .....	Irritating to eyes; may cause severe and permanent damage.
SKIN CONTACT .....	Prolonged or repeated contact without rinsing with water may cause irritation.

**SECTION 4 -- FIRST AID MEASURES**

INGESTION	Do not give liquid if victim is unconscious or drowsy. Otherwise, give 1 or 2 glasses of water. Call doctor, hospital emergency room or poison control center for instructions to induce vomiting. When medical advice is not available, induce vomiting using syrup of ipecac according to directions. If ipecac not available, induce vomiting with finger or back of spoon by touching the back of the victim's throat. Get medical attention.
INHALATION	If exposed to excessive levels of vapors, remove to fresh air.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. <b>Speed is essential to minimize injury. Call a physician immediately.</b>
SKIN CONTACT	Immediately flush skin with plenty of cool running water for at least 15 minutes. Wash with soap and water. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.
NOTE TO PHYSICIAN	

**SECTION 5 -- FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	90 deg F	FLAMMABLE LIMITS	LEL: 6.7% UEL: 36.5%
EXTINGUISHING MEDIA	Use of dry chemical, carbon dioxide, water spray, alcohol foam		
SPECIAL FIRE FIGHTING PROCEDURES	Use fog or spray to prevent flooding. Be prepared to use MSHA-NIOSH self-contained breathing apparatus and protective clothing.		
FIRE AND EXPLOSION HAZARDS	Treat as a flammable liquid. There is the chance of a moderate explosion and/or dangerous fire hazard.		

**SECTION 6 -- ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	<b>Eliminate all sources of ignition immediately.</b> Mop up residue and rinse area thoroughly with water. Contain run-off with absorbent materials such as sand or clay and diking. Transfer liquid and absorbent material in approved container. Flush and mop area with water allowing to air dry. Keep spill out of sewers and open bodies of water.
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**SECTION 7 -- HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Follow directions on label. Wash after handling and before eating.
STORAGE PRECAUTIONS	Store container upright. Tighten cap securely. Avoid heat, sparks, and flames. Protect container from physical damage. Keep away from children.

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Follow directions on label. Do not store near food stuffs, water or feed.
ENGINEERING CONTROLS	Use local ventilation to remove vapors at the source.

### PERSONAL PROTECTIVE EQUIPMENT

	<b>RESPIRATOR</b>	Use NIOSH approved respirator if exposure exceeds PEL or TLV limits.
X	<b>GOGGLES / FACE SHIELD</b>	Chemical splash goggles required; also use face shield if exposure is severe
	<b>APRON</b>	Recommended; PVC, Neoprene or Vinyl acceptable
	<b>GLOVES</b>	Recommended; use impervious PVC or Neoprene with long gauntlet
	<b>BOOTS</b>	Recommended to protect shoes and feet when using product for floor cleaning

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear blue-green liquid	BOILING POINT	148 deg F
ODOR	Slight alcohol aroma	FREEZING POINT	-30 deg F
pH	8.0 – 8.5	VAPOR PRESSURE	97
SPECIFIC GRAVITY	0.940	VAPOR DENSITY	1.11
SOLUBILITY IN WATER	100%	EVAPORATION RATE	5.9

## SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
CONDITIONS TO AVOID	Heat, sparks, flames. No smoking when using.					
INCOMPATIBILITY	Strong oxidizing agents such as nitrates or sulfuric acid.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Burning may produce carbon monoxide and formaldehyde.					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
CONDITIONS TO AVOID	Not applicable					

## SECTION 11 -- TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z</b>

### OTHER EFFECTS

<b>ACUTE</b>	Not determined
<b>CHRONIC</b>	Not determined

**SECTION 12 -- ECOLOGICAL INFORMATION**

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD	Poison Disposal: Poison wastes are acutely hazardous. Improper disposal of excess poison, spray or mixture of rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA regional office for guidance. Container Disposal: Triple rinse. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke. Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash. Do not add this product to any irrigation system.								
RCRA CLASSIFICATION	Non-hazardous								
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE		NO	

**SECTION 14 -- TRANSPORT INFORMATION**

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DOT Proper Shipping Name	Methanol Solution					
Hazard Class	3					
Identification Number	UN 1230					
Packing Group	III					
Label/Placard	Flammable Liquid					
RQ	Methanol 5000 lbs (2270 kg)					
Exceptions	Consumer Commodity, ORM-D; Exempted by DOT for containers of 1 gallon or less.					

**SECTION 15 -- REGULATORY INFORMATION**

## REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
X	SARA TITLE III MATERIAL	Section 304
	USDA AUTHORIZED	

**SECTION 16 -- OTHER INFORMATION**

## NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
3	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Pittsburgh Glass Works in connection with the use of this information.