

Safety Data Sheet

Number: **DMN0419**

Product Name: **Daco[®] Windshield Washer Fluid**

Revised: 11/4/19

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Section 2 - Hazards Identification

Hazard categories: Flammable liquid 2, Specific Target Organ Toxicity 1

Hazard statements: Highly flammable liquid and vapor.
Causes damage to respiratory tract.

Signal word: Danger

Pictogram: Flame and Health

Precautionary statements

Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves such as latex and eye protection such as safety glasses with side shields. Do not breath vapors, mist, or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing before reuse. Rinse skin with water or shower.

IF exposed or concerned: Call a POISON CENTER.

In case of fire: Use B or C fire extinguisher.

Storage: Store in well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.



Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Methanol	67-56-1	57%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

Skin Contact: Wash exposed area with soap and water. If irritation develops and persists, get medical attention.

Inhalation: If affected, move the person to fresh air. If irritation persists, get medical attention.

Ingestion: If the person is conscious, give a sip or two of water to rinse mouth and esophagus. Do NOT Induce vomiting. Treat for shock by keeping warm and quiet. Get medical attention or advice immediately.

Section 5 - Fire-Fighting Measures

Flash Point: 60° F. ASTM D-56 Closed Cup. NOTE: There is no open cup flash point. The product is not flammable and will not burn. Only in the airspace inside the closed container can enough vapor accumulate to make a flash and only if a flame is held to the mouth of the container. There is not enough methanol present to create flammable conditions in open air.

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up small spills with a rag or mop. Larger spills can be washed to sewer with plenty of water.

Section 7 - Handling and Storage

Store at temperatures between 30° and 90° F

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA (source)	STEL	Ceiling
Methanol	67-56-1	57%	200ppm (1,2,3,4)	250ppm (2,3,4)	-

(1) =OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Normal room ventilation.

Respiratory Protection: None when used as directed.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact with the concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea, but not required.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: Light blue liquid with a slight alcohol odor.	
Odor Threshold: Not Available	Vapor Pressure: 126 mm Hg
pH: concentrate 7.0 ± 0.5	Vapor Density: 1.1 (Air = 1)
Melting Point: Not Available	Relative Density (Specific Gravity): 0.93
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 150° F.	Partition coefficient: Not Available
Boiling Range: 150° F. - 220° F.	Auto-ignition Temperature: Not Available
Flash Point: 60° F. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: 1.2 (Water = 1)	Viscosity: Same as water.
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 99%
Upper Explosive Limit: Not available	V.O.C. : 57% - 532 grams/liter
Lower Explosive Limit: Not available	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: ___ Skin contact; ___ Skin absorption; ___ Inhalation; X Ingestion

Potential Health Effects:

Eyes - May cause irritation, redness, tearing, and burning sensation.

Skin - repeated or prolonged contact may cause drying, brittleness, cracking and irritation.

Swallowing - Small amounts may cause nausea and vomiting. Large amounts, a cup or more, may produce adverse effects on vision with possible blindness if treatment is not received.

Breathing - May cause respiratory tract irritation.

Section 12 - Ecological Information

Not hazardous, but do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Wash to sanitary sewer with a large amount of water.

Section 14 - Transport Information

D.O.T. Hazard Class: UN1993, Flammable Liquid, N.O.S. (Methanol), 3, II

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and CFR 372.

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% (w/w)</u>	<u>Lbs./Gallon</u>
Methanol	67-56-1	57%	4.43

Section 16 - Other Information

NFPA®: H:1 F:2 I:0 **HMIS® III:** H:1 F:2 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 8/10/16. Updated the concentration of methanol, VOC, and D.O.T. Hazard Class.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.