



Material Safety Data Sheet

QMI Windshield Washer Concentrate

Date Issued:
01/27/2012

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: QMI Windshield Washer Concentrate
GENERAL USE: Automotive Aftermarket
PRODUCT DESCRIPTION: Glass Cleaner
PRODUCT CODE: EW100

DISTRIBUTOR

ITW Professional Automotive Products
 3606 Craftsman Blvd.
 Lakeland, FL 33803
Customer Service: 863-655-3338

24 HR EMERGENCY TELEPHONE NUMBERS

Poison Control Center: 1-800-222-1222
 CHEMTEL: (813) 248-0585

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Can cause eye irritation.

SKIN: Can cause mild skin irritation and dryness.

INGESTION: This product contains components that can be harmful if ingested.

INHALATION: This product contains components that can be harmful if inhaled.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Effects of acute exposure to product may include irritation, dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness.

CHRONIC TOXICITY: Effects of chronic exposure to product may include damage to liver or kidneys.

CARCINOGENICITY: This material is not listed as a carcinogen by the IARC, the NTP, or OSHA.

ROUTES OF ENTRY: Skin, Eyes, Ingestion, and Inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Ethylene Glycol Monobutyl Ether	111-76-2
Isopropanol	67-63-0

4. FIRST AID MEASURES

EYES: Flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention if irritation persists.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water.

INGESTION: Seek medical attention. Do not give anything by mouth. Contact a physician, medical facility, or poison control center. Do not leave individual unattended.

INHALATION: Move individual away from exposure and into fresh air. If symptoms do not abate or breathing difficulty develops, seek medical attention. Do not leave individual unattended.



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5. FIRE FIGHTING MEASURES

FLASH POINT: 108°F

EXTINGUISHING MEDIA: Water spray, CO₂, dry chemical, or alcohol-resistant foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

Use suitable PPE and ensure adequate ventilation. Eliminate all ignition sources including pilot lights and electric motors. Prevent runoff into drains, sewers, streams, or other bodies of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Scoop or scrape up absorbent and put in the appropriate container for disposal.

7. HANDLING AND STORAGE

HANDLING: Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Keep container tightly closed in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits			OSHA PEL	ACGIH
Chemical Name	Concentration		ppm	ppm
Ethylene Glycol Monobutyl Ether	<20%	TWA	50	20
		STEL	n/a	NL
Isopropanol	<20%	TWA	400	200
		STEL	n/a	400

ENGINEERING CONTROLS: Use with adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES: Appropriate eye protection.

SKIN: Nitrile or other chemical-resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Odor and appearance: Alcohol odor, blue color
Specific Gravity: 0.98
pH: 6.8
Flash Point, PMCC 108°F



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10. STABILITY AND REACTIVITY

Stability: Normally stable at ambient temperature and pressure.
Conditions to Avoid: Heat, flame, sparks at temperatures at or above the flash point.
Polymerization: Will not occur.
Decomposition: CO and CO₂.

11. TOXICOLOGICAL INFORMATION

Component	LD50 mg/kg, Rat, Oral	LC50 ppm, Rat, Oral
Ethylene Glycol Monobutyl Ether	470	450
Isopropanol	5045	12000

12. ECOLOGICAL INFORMATION

No ecological data are available for this product.

13. DISPOSAL CONSIDERATIONS

Consult federal, state, and local regulations regarding disposal.

14. TRANSPORT INFORMATION

DOT Ground: Not regulated in containers less than 119 gallons
DOT Air: UN1993, Flammable Liquid, N.O.S. (contains isopropanol), 3, III
IMDG (Ocean) UN1993, Flammable Liquid, N.O.S. (contains isopropanol), 3, III
IATA (Air) UN1993, Flammable Liquid, N.O.S. (contains isopropanol), 3, III

15. REGULATORY INFORMATION

TSCA: All components are listed on the US TSCA Inventory.
RCRA: Not listed in 40 CFR Part 302.4.
Cal. Prop. 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.



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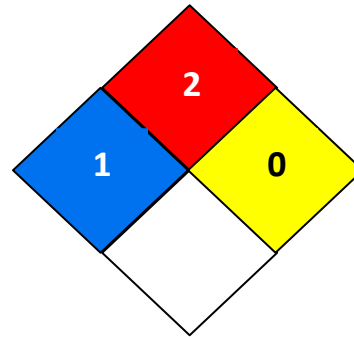
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16. OTHER INFORMATION

HMIS Rating

HEALTH:	1	
FLAMMABILITY:	2	
PHYSICAL HAZARD:	0	
PERSONAL PROTECTION:	B	

NFPA Codes



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