



Safety Data Sheet

Brake Fluid DOT 4

Date Issued: 11/18/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: QMI Premium Drum & Disc Brake Fluid DOT4
GENERAL USE: Automotive Aftermarket
PRODUCT DESCRIPTION: Brake Fluid
PRODUCT CODE: 5140

DISTRIBUTOR

ITW Professional Automotive Products
3606 Craftsman Blvd.
Lakeland, FL 33803
Customer Service: 863-665-3338

24 HR EMERGENCY TELEPHONE NUMBERS

Poison Control Center: (877) 800-5533
CHEMTEL: (813) 248-0585

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION

ASPIRATION HAZARD Category 1
EYE IRRITANT – Category 2

GHS LABEL ELEMENTS



Signal Word: DANGER

Hazard statement: May be fatal if swallowed and enters airways. Causes serious eye irritation

Precautionary statements: Wash hands thoroughly after handling. Wear eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Store locked up. All disposal practices must be in accordance with local, national and international regulations. KEEP OUT OF REACH OF CHILDREN.



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Concentration, %	CAS
Diethylene glycol	3-8	111-46-6
Diethylene glycol monobutyl ether	5-10	112-34-5
Diethylene glycol monoethyl ether	10-20	111-90-0
Triethylene glycol monoethyl ether	20-30	112-50-5

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 induce vomiting.

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.

5. FIRE FIGHTING MEASURES

FLASH POINT: 203°F (95°C)

EXTINGUISHING MEDIA: CO₂, dry chemical, or water fog. Use water to cool fire-exposed containers.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

Use suitable PPE and ensure adequate ventilation. 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. Flush area with water spray.

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. KEEP OUT OF REACH OF CHILDREN.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	Concentration	OSHA PEL	ACGIH TLV-TWA
Chemical Name	percent	ppm	ppm
Diethylene glycol	5 – 10	NE	NE
Diethylene glycol monobutyl ether	10 – 50	NE	NE
Diethylene glycol monoethyl ether	10 - 50	NE	NE
Triethylene glycol monoethyl ether	10 - 50	NE	NE

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:	Clear, light amber
Specific Gravity:	1.041 – 1.065
pH:	7.0 – 11.5
Flash Point, PMCC	203°F (95°C)

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.
Thermal Decomposition:	Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

Component	LD50 mg/kg, Rat, Oral
Diethylene glycol	12565
Diethylene glycol monobutyl ether	826
Diethylene glycol monoethyl ether	5500
Triethylene glycol monoethyl ether	10610

POTENTIAL HEALTH EFFECTS

EYES: Can cause eye irritation.

SKIN: Short contact may cause slight irritation. May absorb through skin upon prolonged exposure.

INGESTION: Harmful or fatal if swallowed. Can result in central nervous system depression. Due to the low viscosity of this material, this material can enter the lungs directly by aspiration during



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swallowing or vomiting. If aspirated into the lungs, this material can cause severe lung damage or death.

INHALATION: Vapors and mist may cause mucous membrane irritation.

CHRONIC TOXICITY: Repeated overexposure to vapors may result in central nervous system depression. Skin absorption can induce central nervous system depression.

CARCINOGENICITY: This material has not been identified as a carcinogen by NTP, IARC or OSHA.

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

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
DOT Air	Not Regulated
IATA	Not Regulated
IMDG	Not Regulated

15. REGULATORY INFORMATION

TSCA:	All components are 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.

SARA 313 Chemicals	CAS	Percent in product
Diethylene glycol monobutyl ether	112-34-5	-5 - 10
Triethylene glycol monoethyl ether	112-50-5	-20 - 30



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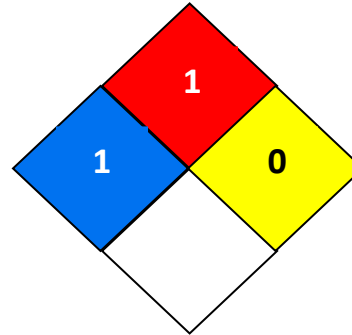
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16. OTHER INFORMATION

HMIS Rating

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

NFPA Codes



Date of Preparation or Revision: 11/18/2013

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