



# Material Safety Data Sheet

## QMI Multi Vehicle CVT Fluid

Date Issued: 07/13/2011

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Multi Vehicle CVT Fluid  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Transmission Product  
**PRODUCT CODE:** 7001, 7002, 7055

#### MANUFACTURER

QMI, an ITW company  
3606 Craftsman Blvd.  
Lakeland, FL 33803

**Customer Service:** 863-655-3338

#### 24 HR EMERGENCY TELEPHONE NUMBERS

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

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes Eye Irritation.

**SKIN:** Prolonged or repeated contact may dry and crack the skin. Additional symptoms of skin contact may include dermatitis. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

**INGESTION:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.

**INHALATION:** May cause respiratory tract irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**ACUTE TOXICITY:** Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include stomach or intestinal upset, irritation of the nose, throat, or airways, or CNS depression.

**CARCINOGENICITY:** Based on available information, this material cannot be classified with regard to 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	EINECS
Distillates, Petroleum, Hydrotreated Heavy Paraffinic	64742-54-7	265-157-1
Alkyl Borate	Proprietary	
Dibutylhydrogen Phosphite	1809-19-4	
Diphenylamine	122-39-4	

### 4. FIRST AID MEASURES

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



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**SKIN:** Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged seek immediate medical attention. If skin is not damaged and symptoms persist seek medical attention. Launder clothes before reuse.

**INGESTION:** Seek medical attention. If individual is drowsy or unconscious do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

**INHALATION:** If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**NOTES TO PHYSICIAN:** Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of longterm sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** >165°C

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, or foam.

**FIRE FIGHTING PROCEDURES:** Water may cause frothing or spattering. Water may be used to keep fire-exposed containers cool until fire is out. Recommend self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant persona protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Ensure adequate ventilation. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Scoop or scrape up absorbent and put in the appropriate container for disposal.

**LARGE SPILL:** For large spills, block spilled materials or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material with soil and prevent runoff entering surface water.

### 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



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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 TLV
Chemical Name		mg/m <sup>3</sup>	mg/m <sup>3</sup>
Distillates, Petroleum, Hydrotreated Heavy Paraffinic	TWA	5	5
	STEL	NL	10

**ENGINEERING CONTROLS:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below the threshold limit value.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES:** Safety glasses.

**SKIN:** Normal work clothing. Long sleeve shirt, long pants, and apron when potential for skin contact is present. Nitrile or neoprene gloves. Launder clothing before reuse.

**RESPIRATORY:** When engineering controls are inadequate to provide sufficient protection, use NIOSH/MSHA approved respirator with organic vapor cartridge.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Green
<b>Odor:</b>	Strong
<b>Specific Gravity:</b>	0.850
<b>Viscosity at 40 °C, cSt:</b>	33.3
<b>Flash Point, PMCC, °C</b>	> 165
<b>Solubility in Water:</b>	Negligible

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Normally stable at ambient temperature and pressure.
<b>Conditions to Avoid:</b>	Incompatible with oxidizing agents.
<b>Polymerization:</b>	Will not occur.
<b>Decomposition:</b>	Smoke, CO, CO <sub>2</sub> , NO <sub>x</sub> , and other products of incomplete combustion.

### 11. TOXICOLOGICAL INFORMATION

**ORAL TOXICITY:** LD50 in rats is >5000 mg/kg. Ingestion may cause CNS depression.

**DERMAL TOXICITY:** LD50 in rabbits is >2000 mg/kg.

**EYE IRRITATION:** Vapors may cause irritation and lacrimation, especially when heated.

**SKIN IRRITATION:** Prolonged or repeated skin contact may cause dermatitis.



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**CHRONIC TOXICITY:** No materials present are known to be chronic health hazards. No materials are carcinogenic or mutagenic or cause reproductive toxicity.

### 12. ECOLOGICAL INFORMATION

This material will have adverse effects on freshwater, marine, and plant life. Spills may contaminate drinking water.

### 13. DISPOSAL CONSIDERATIONS

This material is not a hazardous waste under RCRA Regulation 40 CFR 261. Consult federal, state, and local regulations regarding disposal.

### 14. TRANSPORT INFORMATION

<b>Hazard Class:</b>	Not Regulated
<b>UN Number:</b>	Not Applicable
<b>Packaging Group:</b>	Not Applicable
<b>GHS Hazard Class:</b>	Not Applicable
<b>GHS Shipping Information:</b>	Not Applicable
<b>IMDG</b>	Not Regulated

### 15. REGULATORY INFORMATION

<b>TSCA:</b>	All components are on the US TSCA Inventory or are exempt.
<b>RCRA:</b>	Not Regulated
<b>SARA Ext. Haz. Subst.:</b>	Not Applicable
<b>SARA Section 313(&gt;0.1%):</b>	Not Applicable
<b>SARA 311/312 (&gt;0.1%):</b>	Not Applicable
<b>CERCLA (&gt;0.1%):</b>	Not Applicable
<b>Cal. Prop. 65</b>	This product contains the following chemicals known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: Ethyl benzene <0.01 ppm Naphthalene <0.01 ppm Cadmium <0.05 ppm Lead <0.1 ppm Arsenic <0.5 ppm Trimethyl phosphate <0.001%



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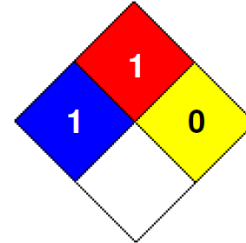
### 16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

#### HMIS Rating

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>1</b>
<b>PHYSICAL HAZARD:</b>	
<b>PERSONAL PROTECTION:</b>	<b>C</b>

#### NFPA Codes



#### MANUFACTURER DISCLAIMER:

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