



MATERIAL SAFETY DATA SHEET

QMI High Performance Synthetic Automatic Transmission Fluid Multi-Vehicle Formula

QMI
A division of Illinois Tool Works Inc.
3606 Craftsman Blvd.
Lakeland, FL 33803

EMERGENCY TELEPHONE NUMBER:
ChemTel; US: 800-255-3924
Outside US: 813-248-0585
QMI; 863-665-3338

PRODUCT IDENTIFICATION

PRODUCT NAME	REVISE DATE	PRODUCT CODE
QMI High Performance Synthetic Automatic Transmission Fluid Multi-Vehicle Formula	07/07/2011	6001, 6002, 6055

CHEMICAL NAME	CAS NUMBER
N/A	N/A

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Polyalphaolefin	Polyalphaolefin	68649-11-6	5 mg/m ³ as Mist	5 mg/m ³ as mist
Acrylic Copolymer	Acrylic Copolymer	68171-50-6	None Established	None Established

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

PHYSICAL DATA

These data are approximate or typical values and should not be used as precise specifications. Unless otherwise noted values are at 20°C(68°F) and 760 mmHg (1 atm).

Boiling Point/Range	>500°F (>260°C)	Freeze Point	N/D
Specific Gravity (H₂O=1) @ 15.6°C	0.85	Vapor Pressure (mm Hg)	<0.1
Vapor Density (Air =1)	>1	Solubility in Water (%)	0%
% Volatiles by Volume	Negligible	Evaporation Rate (Butyl Acetate = 1)	<1
pH (as is)	N/A	pH (dilute) @ %	N/A
Appearance	Clear red liquid	Odor	Mild

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point 400°F(204°C) **Method** Pensky - Martens Closed Cup ASTM D-93

Flammable or Explosive Limits (Approximate percent by volume in air)

Lower (LEL) N/D Upper (UEL) N/D

Hazard Class Identification

	Flammability 1		Hazard Code 0 - Least (insignificant)
Health 2		Reactivity 0	1 - Slight
	Other --		2 - Moderate
			3 - High
			4 - Extreme

Extinguishing Media

Dry chemicals, carbon dioxide, water spray, foam.

Special Fire Fighting Procedures

Use water only to cool fire exposed containers. Fire fighters wear a self contained breathing apparatus.

Unusual Fire and Explosion Hazards

Combustion will produce smoke and toxic fumes.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Heat, open flame.

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition or Combustion Products

Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) May be harmful or fatal if swallowed. Due to its low viscosity, it may enter lungs during swallowing or vomiting. Once in lungs serious damage may occur.

Skin Contact Can be absorbed through skin on prolonged contact. Single contact, no effect likely. Prolonged and repeated contact can result in defatting and drying of the skin. Can cause redness and itching.

Eye Contact May cause irritation, blurred vision and redness.

Inhalation (breathing) Inhalation can cause irritation to nose and throat and upper respiratory tract.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Kidney damage may occur if large quantities are swallowed.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) DO NOT induce vomiting. Call for medical help.

Skin Contact Remove contaminated clothing. Wash affected area with soap and water. Call for medical help.

Eye Contact Flush eyes with water for 15 minutes. If irritation persists call for medical help.

Inhalation (breathing) Remove person to fresh air to avoid further inhalation. Call for medical help.

Comments NOTE TO PHYSICIANS: If more than 2 ml per kg body weight has been ingested and vomiting has not occurred, emesis should be induced with medical supervision.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Use absorbent sand, clay or vermiculite. Shovel into containers. Prevent liquid from entering into sewers and waterways.

Waste Disposal Method

Dispose of in accordance with Federal, State and Local regulations.

Environmental Hazard (EPA-CWA, Section 311)

Spills of this material leading to surface waters where it will cause a sheen must be reported to the National Response Center (800) 424-8802.

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
N/A	N/A	N/A

HANDLING AND STORAGE

Handling and Storage Precautions

WARNING: Avoid skin and eye contact. Avoid breathing of vapors. Use entire contents. DO NOT store opened containers.

Other Precautions

KEEP AWAY FROM CHILDREN.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Provide adequate general or local ventilation to maintain concentrations below TLV/PEL limits.

Respiratory Protection

None normally required. If vapors exceed TLV/PEL values, use a NIOSH approved respirator

Eye Protection

Safety glasses with side-shields.

Protective Gloves

Chemical-resistant gloves.

Other Protective Clothing or Equipment

Eye wash station is recommended.

Work/Hygienic Practices

Personal cleanliness is always appropriate. Frequent washing minimizes chances of inadvertent exposure.

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
	Flammable Solid		Non-Flammable Gas
	Flammable Gas	X	Not Hazardous by DOT
	Combustible Liquid		Other:

DOT Proper Shipping Name

N/A

DOT ID Number

N/A

DOCUMENTATION

Product Code Nos.: 6001, 6002, 6055

Issue Date: 05/19/2011

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.