



Material Safety Data Sheet

Power Steering Fluid

Date Issued: 05/23/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: QMI Premium Heavy Duty Power Steering Fluid
GENERAL USE: Automotive Aftermarket
PRODUCT DESCRIPTION: Power Steering Fluid
PRODUCT CODE: 5181

DISTRIBUTOR

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

24 HR EMERGENCY TELEPHONE NUMBERS

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

2. HAZARD IDENTIFICATION

Not classified as hazardous according to Global Harmonization System criteria

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Percentage
Hydrotreated light paraffinic petroleum distillates	64742-55-8	95 - 100
Zinc dialkyl dithiophosphate	68649-42-3	0.5 – 1.5

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 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.

5. FIRE FIGHTING MEASURES

FLASH POINT: >250°F

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Hydrogen Sulfide, and other toxic materials.



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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		mg/m ³	mg/m ³
Petroleum oils. Limits listed are Oil Mist Mineral.	95-100	TWA, 8 hours	5	5
		STEL, 15 min	n/a	10
Zinc dialkyl dithiophosphate	0.5 – 1.5	TWA, 8 hours	n/a	n/a

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:	Slight hydrocarbon odor
Specific Gravity:	0.86
Flash Point, PMCC	>250°F

10. STABILITY AND REACTIVITY

Stability: Normally stable at ambient temperature and pressure.

Conditions to Avoid: Incompatible with strong oxidizing agents. Heat, flame, sparks at temperatures at or above the flash point.

Polymerization: Will not occur.

Decomposition: Will not occur.



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11. TOXICOLOGICAL INFORMATION

Component	LD50 mg/kg, Rat, Oral	LC50 ppm, Rat, Inhalation
Hydrotreated light paraffinic petroleum distillates	No data	No data
Zinc dialkyl dithiophosphate	No data	No data

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause mild skin irritation and dryness.

INGESTION: May cause irritation.

INHALATION: May cause irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Effects of acute exposure to product may include respiratory tract irritation, skin or eye irritation, or digestive tract irritation, nausea, or vomiting.

CHRONIC TOXICITY: Effects of chronic exposure to product may include dermatitis.

CARCINOGENICITY: This material is not listed as a carcinogen by the IARC, the NTP, 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
IMDG (Ocean) Not regulated
IATA (Air) 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.



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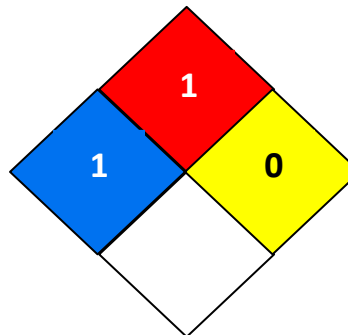
SARA 313 Chemicals	CAS	Percent in product
N/A	N/A	N/A

16. OTHER INFORMATION

HMIS Rating

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

NFPA Codes



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