



# Material Safety Data Sheet

## Power Steering Service Kit

Date Issued: 05/23/2013

### PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Power Steering Service Kit  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Power steering cleaner and fluid  
**PRODUCT CODE:** EP81

#### 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

### MSDSs for the following products are included

**EP83**

**QMI Power Steering Cleaner**

**EP84**

**QMI Power Steering Fluid**



# Material Safety Data Sheet

## Power Steering Cleaner

Date Issued: 09/04/2012

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Power Steering Cleaner  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Flush Product  
**PRODUCT CODE:** EP83

**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

#### POTENTIAL HEALTH EFFECTS

**EYES:** Can cause eye irritation.

**SKIN:** Can cause mild skin irritation and dryness. May absorb and/or defat skin on prolonged contact.

**INGESTION:** Ingestion may result in nausea or stomach discomfort. Due to its low viscosity, it may enter lungs during swallowing or vomiting. Once in lungs serious damage may occur.

**INHALATION:** Vapors generated at elevated temperatures can cause irritation to respiratory tract.

**CHRONIC TOXICITY:** May absorb and/or defat skin on prolonged contact.

**CARCINOGENICITY:** This material does not contain components that are listed as a carcinogen by the IARC, the NTP, or OSHA.

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

**PHYSICAL HAZARD** – Combustible Liquid

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Petroleum oil	64742-55-8
Mineral spirits	8052-41-3
2-Butoxyethanol	111-76-2

### 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.



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**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:** 174°F (79°C)

**EXTINGUISHING MEDIA:** Water fog, CO<sub>2</sub>, dry chemical, or foam. 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. 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	NIOSH
Chemical Name	Concentration		mg/m <sup>3</sup>	mg/m <sup>3</sup>
Petroleum Oil as mist	>85%	TWA	5	5
Mineral spirits	<10	TWA	2900	350 (1800, 15 min)
2-Butoxyethanol	<10	TWA	240	24

**ENGINEERING CONTROLS:** Use with adequate ventilation.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES:** Appropriate eye protection.

**SKIN:** Nitrile or other chemical-resistant gloves.



# Material Safety Data Sheet

## Power Steering Cleaner

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Odor and appearance:** Clear brown liquid  
**Specific Gravity:** 0.85  
**pH:** N/A  
**Flash Point, PMCC** 174°F (79°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; contact with strong oxidizing agents.  
**Polymerization:** Will not occur.  
**Thermal Decomposition:** Oxides of carbon, sulfur, nitrogen, phosphorus, and zinc.

### 11. TOXICOLOGICAL INFORMATION

Component	LD50 mg/kg, Rat, Oral	LD50 ppm, Rabbit, Oral
Petroleum Oil	>5000	N/A
Mineral spirits	>5000	N/A
2-Butoxyethanol	1480	320

### 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

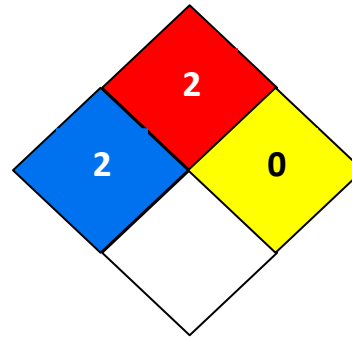
**DOT Ground** Not Regulated  
**DOT Air** Not Regulated  
**IATA** Not Regulated  
**IMDG** Not Regulated

### 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.

**16. OTHER INFORMATION****HMIS Rating**

<b>HEALTH:</b>	<b>1</b>	
<b>FLAMMABILITY:</b>	<b>2</b>	
<b>PHYSICAL HAZARD:</b>	<b>0</b>	
<b>PERSONAL PROTECTION:</b>	<b>B</b>	

**NFPA Codes****DISCLAIMER:**

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# Material Safety Data Sheet

## Power Steering Fluid

Date Issued: 05/23/2013

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Power Steering Fluid  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Power Steering Fluid  
**PRODUCT CODE:** EP84

#### 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, CO<sub>2</sub>, 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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## Power Steering Fluid

Date Issued: 05/23/2013

### 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 <sup>3</sup>	mg/m <sup>3</sup>
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.



# Material Safety Data Sheet

## Power Steering Fluid

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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

<b>DOT Ground:</b>	Not regulated
<b>DOT Air:</b>	Not regulated
<b>IMDG (Ocean)</b>	Not regulated
<b>IATA (Air)</b>	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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## Power Steering Fluid

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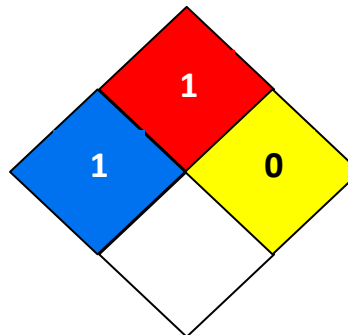
SARA 313 Chemicals	CAS	Percent in product
N/A	N/A	N/A

### 16. OTHER INFORMATION

#### HMIS Rating

<b>HEALTH:</b>	<b>1</b>	
<b>FLAMMABILITY:</b>	<b>1</b>	
<b>PHYSICAL HAZARD:</b>	<b>0</b>	
<b>PERSONAL PROTECTION:</b>	<b>B</b>	

#### NFPA Codes



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