



# Material Safety Data Sheet

## Cooling System Kit

Date Issued: 06/10/2013

### PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Cooling System Kit  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Radiator flush and sealant  
**PRODUCT CODE:** TLF108

#### 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

**GL1540**

**QMI Universal Cooling System Cleaner**

**GL1541**

**QMI Cooling System Sealer & Conditioner**



# Material Safety Data Sheet

## Universal Cooling System Cleaner

Date Issued: 06/10/2013

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Universal Cooling System Cleaner  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Radiator Flush  
**PRODUCT CODE:** GL1540

**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.

**INGESTION:** Ingestion may result in stomach discomfort.

**INHALATION:** No effect.

**CHRONIC TOXICITY:** None known.

**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

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

This material contains no hazardous ingredients above 1%, or carcinogen above 0.1%.

### 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:** No Flash°F (No Flash°C)

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, or water fog. Use water to cool fire-exposed containers.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen.



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## Universal Cooling System Cleaner

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### 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. 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.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Exposure Limits | OSHA PEL | ACGIH TLV-TWA |
|-----------------|----------|---------------|
| Chemical Name   | ppm      | ppm           |
| All components  | NE       | NE            |

#### 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 yellow liquid  
**Specific Gravity:** 1.0  
**pH:** 11  
**Flash Point, PMCC** None

### 10. STABILITY AND REACTIVITY

**Stability:** Normally stable at ambient temperature and pressure.  
**Conditions to Avoid:** N/A  
**Polymerization:** Will not occur.  
**Thermal Decomposition:** Carbon monoxide, carbon dioxide, oxides of nitrogen



# Material Safety Data Sheet Universal Cooling System Cleaner

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## 11. TOXICOLOGICAL INFORMATION

| Component      | LD50 mg/kg, Rat, Oral |
|----------------|-----------------------|
| All components | NE                    |

## 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. |

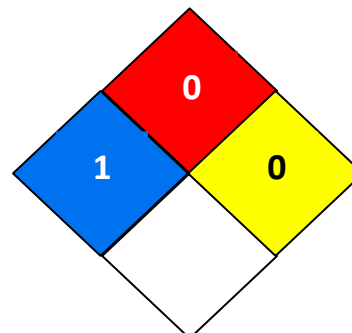
| SARA 313 Chemicals | CAS | Percent in product |
|--------------------|-----|--------------------|
| N/A                | N/A | N/A                |

## 16. OTHER INFORMATION

### HMIS Rating

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

### NFPA Codes





# Material Safety Data Sheet

## Universal Cooling System Cleaner

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### DISCLAIMER:

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# Material Safety Data Sheet

## Cooling System Sealer & Conditioner

Date Issued: 06/05/2013

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** QMI Cooling System Sealer & Conditioner  
**GENERAL USE:** Automotive Aftermarket  
**PRODUCT DESCRIPTION:** Radiator Sealant  
**PRODUCT CODE:** GL1541

#### 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

**SENSITIZER Category 1**

#### GHS LABEL ELEMENTS



Signal word: Warning

Hazard statement: **May cause an allergic skin reaction**

Precautionary statements: Avoid breathing mists, spray or vapors. Wear protective gloves.

Contaminated work clothing should not be allowed out of the workplace. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

Disposal: All disposal practices must be in accordance with local, national and international regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                                   | Concentration, % | CAS       |
|---|------------------|-----------|
| Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine | <1               | 4719-04-4 |
| 4-Chloro-3,5-Xylenol                            | <1               | 88-04-0   |



# Material Safety Data Sheet

## Cooling System Sealant & Conditioner

Date Issued: 06/05/2013

### 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:** No Flash°F (No Flash°C)

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, or water fog. Use water to cool fire-exposed containers.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen.

### 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. 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.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Exposure Limits | OSHA PEL | ACGIH TLV-TWA |
|-----------------|----------|---------------|
| Chemical Name   | ppm      | ppm           |
| All components  | NE       | NE            |

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES:** Appropriate eye protection.

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



# Material Safety Data Sheet

## Cooling System Sealant & Conditioner

Date Issued: 06/05/2013

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Odor and appearance:** Thick tan or yellow liquid  
**Specific Gravity:** 1.0  
**pH:** 8.7  
**Flash Point, PMCC** None

### 10. STABILITY AND REACTIVITY

**Stability:** Normally stable at ambient temperature and pressure.  
**Conditions to Avoid:** N/A  
**Polymerization:** Will not occur.  
**Thermal Decomposition:** Carbon monoxide, carbon dioxide, oxides of nitrogen

### 11. TOXICOLOGICAL INFORMATION

| Component      | LD50 mg/kg, Rat, Oral |
|----------------|-----------------------|
| All components | NE                    |

### POTENTIAL HEALTH EFFECTS

**EYES:** Can cause eye irritation.

**SKIN:** Can cause mild skin irritation and dryness.

**INGESTION:** Ingestion may result in stomach discomfort.

**INHALATION:** No effect.

**CHRONIC TOXICITY:** None known.

**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

### 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





# Material Safety Data Sheet

## Cooling System Sealant & Conditioner

Date Issued: 06/05/2013

### 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.

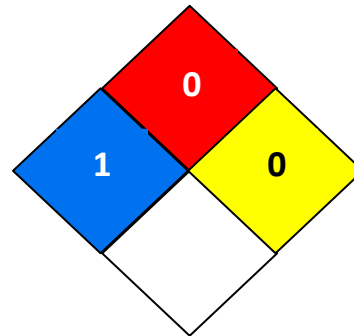
| SARA 313 Chemicals | CAS | Percent in product |
|--------------------|-----|--------------------|
| N/A                | N/A | N/A                |

### 16. OTHER INFORMATION

#### HMIS Rating

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

#### NFPA Codes



#### DISCLAIMER:

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