Torque, Inc.

MATERIAL SAFETY DATA SHEET

Product Name: Torque RT700™ Racing Brake Fluid
MSDS#: 240859.1

Effective Date: 24 Aug 2012
Page 1 of 9

Torque, Inc. urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material of the information in this MSDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers, and other users of the product of this information.

PRODUCT & COMPANY IDENTIFICATION

Product Name
Torque RT700™ Racing Brake Fluid

Company Identification
Torque, Inc.
29127 Arnold Drive
Sonoma, CA 95476-9761

Customer Information Number
707.400.7570

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact
989.636.4400

Local Emergency Contact:
989.636.4400

EMERGENCY OVERVIEW

Appearance
Colorless to yellow

Physical State
Liquid

Odor
Ether

Hazards of product
CAUTION! May cause eye irritation. Isolate area

Potential Health Effects

Inhalation
Prolonged exposure is not expected to cause adverse effects.

Eye Contact
May cause moderate eye irritation. May cause slight corneal injury.

Skin Contact
Prolonged exposure not likely to cause significant skin irritation. May cause more severe response on covered skin (under clothing, gloves).
Skin Absorption  Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Ingestion  Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Effects of Repeated Exposure  For the major component(s): In animals effects have been reported on the following organs after ingestion: Testes.

Birth Defects/Developmental Effects  For the major component(s): Has been toxic to the fetus in laboratory animals at doses toxic to the mother.

### Composition Information

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS #</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,5,8,11 – Texraoxatridecan-13-ol, mixed esters with boric acid</td>
<td>176022-80-3</td>
<td>&gt; 65.0 - &lt; 75.0 %</td>
</tr>
<tr>
<td>Triethylene glycol monomethyl ether borate ester</td>
<td>112-35-6</td>
<td>&gt; 15.0 - &lt; 30 %</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>&gt; 0.5 - &lt; 1.5 %</td>
</tr>
<tr>
<td>Trade Secret Inhibitor Package</td>
<td></td>
<td>&lt;= 2.0%</td>
</tr>
</tbody>
</table>

### First-Aid Measures

**Eye Contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Skin Contact:** Wash skin with plenty of water.

**Inhalation:** Move person to fresh air; if effect occurs, consult a physician.

**Notes to Physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### Fire Fighting Measures

**Extinguishing Media:** Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Do not use direct water stream. May spread fire. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.
Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Unusual Fire and Explosion Hazards: Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Combustion products may include trace amounts of: Nitrogen oxides.

ACCIDENTAL RELEASE MEASURES

Steps to be Taken if Material is Released or Spilled: Small spills: Absorb with materials such as: Sand. Vermiculite. Collect in suitable and properly labeled containers. Large spills: Contain spilled material if possible. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

Personal Precautions: Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

HANDLING AND STORAGE

Handling

General Handling: Avoid contact with eyes. Wash thoroughly after handling. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Other Precautions: Spills of these organic materials on hot fibrous insulations may lead to lowering of the auto-ignition temperatures possibly resulting in spontaneous combustion.

Storage

EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>List</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylene glycol monomethyl ether borate ester</td>
<td>ACGIH</td>
<td>TWA Inhalable fraction.</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>STEL Inhalable fraction.</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>ACGIH</td>
<td>TWA</td>
<td>3 ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>STEL</td>
<td>6 ppm</td>
</tr>
<tr>
<td>OSHA Table Z-1</td>
<td>PEL</td>
<td></td>
<td>6 mg/m³ 3 ppm</td>
</tr>
</tbody>
</table>

Personal Protection

Eye/Face Protection: Use chemical goggles.

Skin Protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly.

Hand protection: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Viton. Neoprene. Natural rubber ("latex"). Polyvinyl chloride ("PVC" or "vinyl"). Nitrile/butadiene rubber ("nitrile" or "NBR"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Respiratory Protection: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Ingestion: Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

Engineering Controls

Ventilation: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
Physical and Chemical Properties

- **Physical State**: Liquid
- **Color**: Colorless to yellow
- **Odor**: Ether
- **Flash Point - Closed Cup**: 146.1 °C (295 °F)
- **Flash Point - Open Cup**: 212.8 °C (415 °F)
- **Flammable Limits in Air Lower**: No test data available
- **Upper**: No test data available
- **Autoignition Temperature**: No test data available
- **Vapor Pressure**: < 0.01 mmHg @ 20 °C (68 °F)
- **Boiling Point (760 mmHg)**:
  - Dry: 361.8 °C (683.2 °F)
  - Wet: 226.1 °C (439 °F)
- **Vapor Density (air = 1)**: 10
- **Specific Gravity (H2O = 1)**: 1.095
- **Freezing Point**: < -59 °C (< -74 °F)
- **Melting Point**: Not applicable
- **Solubility in Water (by weight)**: 100 % @ 20 °C
- **pH**: 7.3
- **Decomposition Temperature**: No test data available
- **Evaporation Rate (Butyl Acetate = 1)**: 0.01
- **Viscosity @ -40 °C (-40 °F)**: 1501
- **Viscosity @ 100 °C (212 °F)**: 2.1

Stability and Reactivity

- **Stability/Instability**: Stable under recommended storage conditions. See Storage, Section 7.

- **Conditions to Avoid**: Do not distill to dryness. Product can oxidize at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

- **Incompatible Materials**: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

- **Hazardous Polymerization**: Will not occur.

- **Thermal Decomposition**: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Aldehydes. Ketones. Organic acids.

Toxicological Information

- **Acute Toxicity**
  - **Ingestion**: For the major component(s): LD50, Rat 11,000 mg/kg

- **Skin Absorption**: For the major component(s): LD50, Rabbit 7,400 - 10,500 mg/kg
Repeated Dose Toxicity  
For the major component(s): In animals, effects have been reported on the following organs after ingestion: Testes.

Chronic Toxicity and Carcinogenicity  
No relevant information found.

Developmental Toxicity  
For the major component(s): Has been toxic to the fetus in laboratory animals at doses toxic to the mother. Did not cause birth defects in laboratory animals.

Reproductive Toxicity  
For the minor component(s): monoethanolamine In animal studies, did not interfere with reproduction.

Genetic Toxicology  
In vitro genetic toxicity studies were negative for component(s) tested. Genetic toxicity studies in animals were negative for component(s) tested.

ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE

Movement & Partitioning  
Bioconcentration potential is low (BCF less than 100 or log Pow less than 3). Potential for mobility in soil is very high (Koc between 0 and 50).

Persistence and Degradability  
Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

ECOTOXICITY  
Material is not classified as dangerous to aquatic organisms (LC50/EC50/IC50/LL50/EL50 greater than 100 mg/L in most sensitive species).

DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.
Product Name: Torque RT700™ Racing Brake Fluid™
MSDS#: 240859.1
Effective Date: 24 Aug 2012
Page 7 of 9

TRANSPORT INFORMATION

DOT Non-Bulk
NOT REGULATED

DOT Bulk
NOT REGULATED

IMDG
NOT REGULATED

ICAO/IATA
NOT REGULATED

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312
- Immediate (Acute) Health Hazard Yes
- Delayed (Chronic) Health Hazard Yes
- Fire Hazard No
- Reactive Hazard No
- Sudden Release of Pressure Hazard No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and which are listed in 40 CFR 372.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylene glycol monomethyl ether</td>
<td>112-35-6</td>
<td>&gt; 15.0 - &lt; 30.0%</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>&gt; 0.5 - &lt; 1.0%</td>
</tr>
</tbody>
</table>

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:
The following product components are cited in the Pennsylvania Hazardous Substance List and/or the Pennsylvania Environmental Substance List, and are present at levels which require reporting.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>&gt; 0.5 - &lt; 1.0%</td>
</tr>
<tr>
<td>Triethylene glycol monomethyl ether</td>
<td>112-35-6</td>
<td>&gt; 15.0 - &lt; 30.0%</td>
</tr>
</tbody>
</table>

™ Trademark of Torque, Inc.
© 2013 Torque, Inc., All rights reserved.
Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List:
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylene glycol monomethyl ether</td>
<td>112-35-6</td>
<td>&gt; 15.0 - &lt; 30.0 %</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>&gt; 0.5 - &lt; 1.0 %</td>
</tr>
</tbody>
</table>

US. New Jersey Community Right-To-Know Survey, Table A: NJ Environmental Hazardous Substances [EHS] List (N.J. Admin. Code Title 7 Section 1G-2.1)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylene glycol monomethyl ether</td>
<td>112-35-6</td>
<td>&gt; 15.0 - &lt; 30.0 %</td>
</tr>
</tbody>
</table>

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

US. Toxic Substances Control Act
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30
Product Name: Torque RT700™ Racing Brake Fluid™
MSDS#: 240859.1
Effective Date: 24 Aug 2012
Page 9 of 9

OTHER INFORMATION

Product Literature
Additional information on this product may be obtained by calling your sales or customer service contact.

Hazard Rating System

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Recommended Uses and Restrictions

Brake fluid formulations.

Legend

N/A Not available
W/W Weight/Weight
OEL Occupational Exposure Limit
STEL Short Term Exposure Limit
TWA Time Weighted Average
ACGIH American Conference of Governmental Industrial Hygienists, Inc.
WEEL Workplace Environmental Exposure Level
HAZ_DES Hazard Designation

Action Level A value set by OSHA that is lower than the PEL which will trigger the need for activities such as exposure monitoring and medical surveillance if exceeded.

Torque, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer’s/user’s responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer’s/user’s duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.