1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product Name: Racing DOT 4 Brake Fluid
Article Number: 80-87916
Applications: Brake Fluid

Emergency Telephone: In USA: CHEMTREC +1 703 527 3887 (24 hours)
Outside USA: +1 619 449 5000

2. HAZARDS IDENTIFICATION

GHS Classification
Eye Irritation Category 2A

GHS Pictogram

Signal Word Warning!

Hazard Statements
H319 Causes serious eye irritation.

Precautionary Statements

Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection and face protection.

Response
305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.

Storage None
Disposal None

Other Hazards None
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>Content %</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol ether esters</td>
<td>90-100</td>
<td>Mixture</td>
</tr>
<tr>
<td>Butyl diethanolamine</td>
<td>&gt;1-&lt;3</td>
<td>102-79-4</td>
</tr>
<tr>
<td>Amine mixture</td>
<td>0.1-&lt;0.25</td>
<td>Proprietary</td>
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The specific identity and/or exact percentage has been withheld as a trade secret.

4. FIRST-AID MEASURES

**Inhalation**
If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

**Skin Contact**
Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

**Eye Contact**
Flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops or persists.

**Ingestion**
If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**Most Important Symptoms**
Causes eye irritation. Causes mild skin irritation. Inhalation of vapors or mist may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Indication of Immediate Medical Attention Needed**
Immediate medical attention is not required.

**Notes to Physician**
Treat appropriately.

5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**
Use water fog, alcohol foam, dry chemical or carbon dioxide (CO2) to extinguish flames. A solid stream of water or foam can cause frothing.

**Specific Hazards Arising From The Chemical**
This product is not flammable but may form explosive mixtures in air. Combustion will produce carbon oxides, aldehydes and ethers.

**Special Protective Equipment And Precautions For Fire-Fighters**
Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

6. ACCIDENTAL RELEASE MEASURES
RACING DOT 4 BRAKE FLUID

Personal Precautions: Wear appropriate protective equipment. Wash thoroughly after handling. See also: “Personal Protection "section 8.

Environmental Hazards: Avoid release into the environment. Report spill as required by local and federal regulations.

Methods/Materials for Cleaning up: Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash thoroughly with soap and water after handling. Remove soaked clothing and launder before re-use.

Conditions for Safe Storage: Store in a cool area away from oxidizing agents. Protect containers from physical damage. Brake fluids absorb water from the atmosphere – always keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:
- Polyglycol ether esters: None Established
- Butyl diethanolamine: None Established
- Amine mixture: None Established

Appropriate Engineering Controls: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protection:
- Respiratory Protection: None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
- Eye Protection: Safety glasses or goggles recommended if splashing is possible.
- Skin/Body Protection: Appropriate protective clothing as needed to minimize skin contact. Suitable eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.
- Hand Protection: Use neoprene or PVC gloves for prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES
RACING DOT 4 BRAKE FLUID

Appearance
Clear liquid

Color
Colorless to amber

Odor
Bland

Odor Threshold
N/A – very low odor

pH
7.0 to 8.0

Freezing Point
<-58°F (-50°C)

Boiling Point
>572°F (300°C)

Flash Point
>212°F (100°C)

Evaporation Rate
Negligible

Flammability (solid, gas)
Not established (non-volatile)

Upper Explosion Limit
No data available

Lower Explosion Limit
No data available

Vapor Pressure
< 2mbar

Vapor Density (Air=1)
Not established (non-volatile)

Relative Density
1.010-1.060 g/ml @68°F

Solubility
In ethanol: miscible in any ratio; In water: miscible in any ratio

Partition Coefficient: n-octanol/water
< 2 (all main ingredients)

Auto Ignition
> 572°F (300°C)

Temperature

Decomposition
> 572°F (300°C)

Temperature

Volatile Organic Compounds (VOC)
No data available

Viscosity
Approx. 5-10 cSt @68°F

10. STABILITY AND REACTIVITY

Reactivity
Not expected to be reactive.

Chemical Stability
Stable.

Possibility of Hazardous Reactions
Glycol ethers can form peroxides on storage. Glycol ethers can react with light metals under the evolution of hydrogen gas.

Conditions to Avoid
Do not distil to dryness without testing for peroxide formation.

Incompatible Materials
Avoid contact with strong oxidizing agents. For user safety, brake fluid should never be contaminated with any other substance.

Hazardous Decomposition Product
Thermal decomposition may produce carbon oxides, aldehydes and ethers.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards
RACING DOT 4 BRAKE FLUID

Version: 1.0
Released: 2017-12-22
Revision Date: 2017-12-22

Eye Contact: Causes eye irritation with redness, tearing and pain.
Skin Contact: Prolonged skin contact may cause irritation. May penetrate the skin.
Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation.
Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
Chronic Effects of Overexposure: None known.
Sensitization: None of the components have been found to cause sensitization in animals or humans.
Mutagenicity: This product is not expected to cause mutagenic activity.
Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.
Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:
Product Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 NA, Dermal rat LD50 >3000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity
Product 96 hr LC50 Oncorhynchus mykiss >100 mg/L, 48 hr EC50 Daphnia magna NA, 72 hr EC50 algae NA

Biodegradation The product is inherently biodegradable, and is expected to be readily biodegradable based on ingredient data (OECD 302B).
Bioaccumulation Log Pow for all main ingredients < 2 which suggests that the potential for bioaccumulation is low.
Mobility in soil Soluble in water and will partition to aqueous phase. Mobile in soil.
Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Disposal Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

<table>
<thead>
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<th>UN Number</th>
<th>Proper shipping name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Environmental Hazard</th>
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<tbody>
<tr>
<td>DOT</td>
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<tr>
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<td>IATA</td>
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</tr>
</tbody>
</table>
RACING DOT 4 BRAKE FLUID

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Inventories

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory

16. OTHER INFORMATION

NFPA Rating (NFPA 704): Health: 2 Fire: 1 Instability: 0

HMIS Rating: Health: 2 Fire: 1 Physical Hazard: 0

Date of Revision: December 22, 2017
Date of Previous Revision: N/A
Revision History:
12/22/17: New document

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.