

Super DOT 4 Brake Fluid

Product Code: J1704

## Section 1.

AJ Chemicals Lubricants & Equipments Inc  
2100 E. State St. EXT  
Trenton, New Jersey 08619

Emergency Telephone Number  
(804) 737-8707

Date Prepared  
Jan 1, 2010

## Section 2. Hazardous Ingredients/Identity Information

## Hazardous Components(Specific Chemical Identity:

<u>Common Name(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other limits Recommended</u>	<u>%(optional)</u>
None-Hazardous Components			Cas-No.	
Borate Ester of Triethylene Glycol Monomethyl ether			71243-41-9	
Triethylene glycol monobutyl ether			143-22-6	
Polyethylene glycol monomethyl ether			9004-74-4	
Tetraethylene Glycol			112-60-7	
Tetraethylene Glycol Monobutyl ether			1559-34-8	
Diethylene Glycol			111-46-6	
Diethylene Glycol Monobutyl ether			112-34-5	

## Section 3. PHYSICAL/CHEMICAL CHARACTERISTICS:

Appearance:	Clear, Pale Yellow
Physical State:	Liquid
Odor:	Mild Ether like
% Volatiles:	0.5 Wt%
pH:	8.6(25% Aqueous Solution)
Vapor Pressure at 20°C:	<0.001kPa<0.01mmHg
Vapor Density(air=1):	9
Flash Point-PMCC:	>121°C(>250°F)
Auto-Ignition:	310°C(590°F)
Boiling Point:	>223°C(450°F)@ 760mmHg
Specific Gravity:	1.040 to 1.075 @20/20°C
Equil Ref Boil Pt.	272°C (522°F)
Wet Equil Ref Boil Pt.	167°C (333°F)
Water:	<0.20%

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**Section 4. Fire and Explosion Hazard Data**

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**Flash Point (Method Used):** 140°C (ASTM D-92)

**Flammable Limits:** Not Applicable

**LEL:** Not Applicable

**UEL:** Not Applicable

**Extinguishing Media:** Foam(stable against alcohols, Carbon dioxide, powder, water spray, water.

**Special Fire-Fighting Procedures:** Firefighters must use Niosh/MSHA approved self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

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**Section 5. Reactivity Data**

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**Stability:** Conditions to avoid  
( ) Unstable  
(x) Stable Avoid Strong Oxidation agents.

**Incompatibility(Materials to avoid):** Not Applicable

**Hazardous Decomposition or Byproducts:** Carbon mono-dioxide, methane, aldehydes

**Hazardous Polymerization:** Will not occur

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**Section 6. Health Hazard Data**

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**Route(s) of entry:** Inhalation, Skin,Ingestion.

**Health Hazards(Acute and Chronic):** Moderate skin irritation/slight eye irritation. Data for inhalation and ingestion are not established.

**Carcinogenicity:** Not applicable

**NTP?:** Not Applicable

**IARC Monograms?:** Not Applicable

**OSHA Regulated:** Not Applicable.

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**Section 6. Health Hazard Data: (Continuation)**

**Signs and Symptoms of exposure:**

Eye contact: flush with water 10-15 minutes. If irritation persists consult a physician.

**Medical Conditions Generally Aggravated by Exposure:**

Skin Contact: Wash contact areas with soap and water.

Ingestion: Get immediately medical assistance and call a physician.

**Emergency and First Aid Procedures:**

Brake Fluid is harmful if swallowed.

Inhalation: Remove from further exposure. If discomfort persist, get medical assistance and call a physician.

**Section 7. Precautions for Safe Handling and Use**

**Steps to be taken in Case Material is Release or Spilled:**

Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations and product characteristics at time of disposal.

Waste Disposal Method: Not applicable.

**Precautions to be taken in handling and storing:**

No special requirements under ordinary conditions in handling and storage.

**Other Precautions:** None

**Section 8. Control Measures**

Respiratory Protection (specify type): No special requirements under ordinary conditions of use.

Ventilation: Local Exhaust: requirements under ordinary conditions of use. Mechanical(General): Ventilation.

Protective Gloves: Rubber or plastics.

Eye Protection: Normal Industrial eye protection practices should be employed.

Other Protective Clothing or Equipment: Not Applicable.

Work/Hygienic Practices: Good personal hygiene practices should always be followed.