

**Material Safety Data Sheet**  
**Product Name: PETROMIN SUPER BRAKE FLUID DOT 4**

**I. Basic Information:**

**Manufacturer: Saudi Arabian Lubricating Oil co**

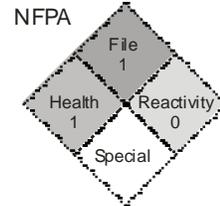
**Address: P.O.Box 1432**

**City, ST Zip: Jeddah – K.S.A.**

**Last Update:**

**Information Telephone Number: +966 2 2157000**

**Emergency Telephone Number: +966 2 2151111**



**Chemical State:**  Liquid  Gas  Solid

**Chemical Type:**  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
C	Pers. Protection

**II. Ingredients:**

Trade Secret

CHEMICAL NAME	Common Name	CAS NO.	%	OSHA PEL	ACGIH TLV-T WA
Blend of Glycols, Glycol Ethers and Inhibitors	Blend of Glycols, Glycol Ethers and Inhibitors	N/A	100	None Established	None Established

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

**III. Hazardous Identification:**

Hazard Category:

Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:**

Danger: Harmful or fatal if swallowed. May cause CNS depression. Eye and Skin Irritant.

**Material Safety Data Sheet****Product Name: PETROMIN SUPER BRAKE FLUID DOT 4****IV. First Aid Measures:****Route(s) of Entry:**

Absorption, Inhalation, and Ingestion.

**Health Hazards (Acute and Chronic):**

Exposure to high concentrations of mist generated at room temperature may cause lung injury and liver/kidney dysfunction. Skin contact may cause sensitization and allergic skin reaction. Components of this formulation have caused slight embryofetal toxicity (delayed development), but no increase in birth defects in laboratory animals.

**Signs and Symptoms:**

**EYE CONTACT:** Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, marked excess redness and swelling of the conjunctiva.

**SKIN CONTACT:** Prolonged or repeated contact may cause discomfort and local redness. Prolonged or repeated contact may cause defatting and drying of the skin.

**INHALATION:** Short-term health effects are not expected from vapor generated at ambient temperature.

**INGESTION:** Slightly toxic. May cause abdominal discomfort, nausea, and vomiting.

**Medical Conditions Generally Aggravated by Exposure:**

Skin contact may aggravate an existing dermatitis.

**Emergency and First Aid Procedures:**

**Eye Contact:** Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

**Skin Contact:** Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

**Inhalation:** Remove to fresh air. If breathing becomes difficult give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention. **Ingestion: DO NOT INDUCE VOMITING!** Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

**Other Health Warnings:**

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

**V. Fire Fighting Measures:**

**Flash Point** >275° F(>135° C)      **Method** Cleveland Open Cup ASTM D-92

**Flammable or Explosive Limits** (Approximate percent by volume in air)

Lower (LEL)      N/D Upper      (UEL)      N/D

**Extinguishing Media**

Water fog, alcohol foam, carbon dioxide and dry chemical. Do not use a direct spray of water.

**Special Fire Fighting Procedures**

Use water to cool fire exposed containers. Fire fighters wear a self-contained breathing apparatus with full face piece and protective equipment.

**Unusual Fire and Explosion Hazards**

None known.

**VI. Accidental Release Measures:****Steps to be Taken in Case Material is Released or Spilled:**

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.



**Material Safety Data Sheet****Product Name: PETROMIN SUPER BRAKE FLUID DOT 4****XI. Toxicological Information:**

Contains one or more amines which may react with nitrites to form nitrosamines.

**XII. Ecological Information:**

No data available

**XIII. Disposal Considerations:****Steps to be taken in case material is released or spilled**

Wear appropriate eye and skin protective equipment. Remove with absorbent material. Shovel into waste containers. Wash residue from spilled area with water. Prevent liquid from entering sewers and waterways.

**Waste Disposal Method**

Dispose of in accordance with Federal, State and Local regulations.

**EPA Reportable Quantity (RQ)**, 40CFR302 (CERCLA104)

None.

**EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)**

Chemical	CAS NO	% in Product
Glycol Ethers	N/A	80-100

**XIV. Transport Information:****Department of Transportation (DOT) Classification**

Flammable Liquid			Corrosive
Flammable Solid			Non-Flammable Gas
Flammable Gas	XXX		Not Hazardous by DOT
Combustible Liquid			Other:

**DOT Proper Shipping Name** N/A**DOT ID Number** N/A**XV. Regulatory Information:**

Product Code No.: 16303 Issue Date: 09-22-05

Previous Code No.: 16303 Prior Date: 02-03-04

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility

to satisfy himself as to the suitability and completeness of such information for his own particular use.

**XVI. Other Information:**

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye.

**KEEP AWAY FROM CHILDREN AND ANIMALS!**

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available

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