

Material Safety Data Sheet
Product Name: PETROMIN SUPER BRAKE FLUID DOT 3

I. Basic Information:

Manufacturer: Saudi Arabian Lubricating Oil co

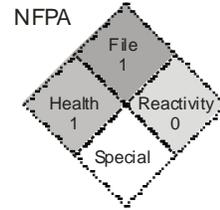
Address: P.O.Box 1432

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

CAS No.	Chemical Name	%Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z					
112-34-5	2-Butoxyethoxy-2-ethanol	<=30.0	1					X	N/E	N/E	
111-46-6	Diethylene Glycol	<=60.0	2						N/E	N/E	50 ppm
111-90-0	Diethylene glycol monoethyl ether	<=7%	3						N/E	N/E	
6881-94-3	Diethylene glycol monopropyl ether	<=10.0	4						N/E	N/E	
25322-68-3	Poly(ethylene oxide)	<=50.0	5						N/E	N/E	
9004-77-7	Polyethylene glycol monobutyl ether	<=60.0	6						N/E	N/E	
9004-74-4	Polyethylene glycol monomethyl ether	<=50.0	7						N/E	N/E	
55068-41-2	Polyethylene/polypropylene glycol ethyl ether	<=60.0%	8						N/E	N/E	
9063-06-3	Polyethylene/Polypropylene Glycol Methyl Ether	<=60.0	9						N/E	N/E	
112-60-7	Tetraethylene Glycol	<=30.0%	10						N/E	N/E	
23783-42-8	Tetraethylene Glycol Monomethyl Ether	<=20.0%	11						N/E	N/E	
112-27-6	Triethylene glycol	<=30.0	12						N/E	N/E	100 mg/r
143-22-6	Triethylene glycol monobutyl ether	<=70.0	13					X	N/E	N/E	
112-50-5	Triethylene glycol monoethyl ether	<=85.0	14						N/E	N/E	

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.

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Product Name: PETROMIN SUPER BRAKE FLUID DOT 3

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: 212°F

Lower Explosive Limit: ND

Upper Explosive Limit: ND

F.P. Method:

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

Do not use forced water stream as this could cause the fire to spread.

Unusual Fire and Explosion:

Carbon dioxide, carbon monoxide, nitrogen oxides and various hydrocarbons.

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 3****XII. Ecological Information:**

No data available

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations

XIV. Transport Information:

U.S. Department of Transportation (DOT)
Non-Bulk: Not Regulated
Bulk: Not Regulated

Air: IATA Regulated: no

International Information:
Vessel: IMDG Regulated: no
Air: ICAO Regulated: no

XV. Regulatory Information:

USA TSCA: All chemicals used are listed on the TSCA Inventory.
SARA, SECTION 313 TITLE III: This product contains glycol ethers which are subject to reporting requirement.
WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

STATE/LOCAL:

Pennsylvania Right-to-Know Chemicals:
Diethylene Glycol (111-46-6)
Triethylene Glycol (112-27-6)
Triethylene Glycol Monobutyl Ether (143-22-6)
Diethylene Glycol Monobutyl Ether (112-34-5)
Diisopropanolamine (110-97-4)

New Jersey Right-to-Know Chemicals:
Triethylene Glycol (143-22-6)

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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