ACTIVE BRAKE FLUID DOT 4 / DOT 3

BRAKE FLUID · SYNTHETIC BRAKE & CLUTCH FLUID

Preparation date	24.10.2026 (draft)
Version	00
Previous version	—

Prepared in accordance with the structure of Annex II of the Turkish KKDİK Regulation (Official Gazette No. 30105, 23.06.2017), equivalent to Annex II of Regulation (EC) No 1907/2006 (REACH).

1 SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	ACTIVE BRAKE FLUID DOT 4 / DOT 3
Product type	Mixture
Packaging	500 ml

1.2 Relevant identified uses and uses advised against

Identified use	Hydraulic brake oil for automobiles
Uses advised against	Do not use the product for purposes other than those specified without consulting the manufacturer.

1.3 Details of the supplier of the safety data sheet

Placed on the market by / brand owner	EYLÜL OTO MADENİ YAĞ SANAYİ TİCARET LTD. ŞTİ.
Address	AYDINLIKEVLER MAH. NAZMİ AKDENİZ CAD. NO:89/2B MİLAS/MUĞLA
Phone	0 507 368 63 20
E-mail (person responsible for the SDS)	info@eylulticaret.com
Manufacturer	PARKİM GRES ENDÜSTRİYEL YAĞLAR SANAYİ VE TİCARET LTD. ŞTİ.
Manufacturer address	İnönü Mah., Gebze Plastikçiler OSB, 32. Sk. No: 11, 41400 Gebze / Kocaeli, Türkiye
Phone / Fax	+90 262 206 01 01 / +90 262 206 01 02
Manufacturer e-mail	info@parkim.net

1.4 Emergency telephone number

Emergency	National Poison Information Centre of Türkiye (UZEM): 114 · General emergency: 112
Company (office hours)	0 507 368 63 20

2 SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Physical hazards	Not classified as hazardous.
Health Hazards	Not classified as hazardous.
Environmental hazards	Not classified as hazardous.

2.2 Label elements

GHS pictogram	Not required (not classified).
Label elements	There is no label element.

2.3 Other hazards

PBT	Not applicable.
vPvB	Not applicable

Note: The DMSO extract test result of this product using the IP 346 method was found to be below 3% (m/m). For this reason, it is exempt from the phrase H350, with reference to 'Annex I entry in 21st ATP'.

3 SECTION 3: Composition / information on ingredients

3.2 Mixtures

Substance name	Cas No.	EC Number	Concentration(%)	Classification
polyglycol ethers	9004-77-7	9004-77-7	50-100	Eye Irritation 1, H318 Eye irritation _ 2, H319
polyethylene glycols	25322-68-3	25322-68-3	50-100	-

4 SECTION 4: First-aid measures

4.1 Description of first aid measures

Eye contact	Hold the eyelids open and rinse the eye with plenty of water for at least 15 minutes. If irritation persists, consult a doctor.
Skin contact	Wash thoroughly with soap and water. Remove oil-contaminated clothing and rinse the affected area with water. If skin irritation persists, consult a doctor.
Ingestion	Do not induce vomiting. Rinse the mouth with plenty of water. In case of nausea or other symptoms, consult a doctor and show the product label.
Inhalation	Move the person to fresh air. If breathing difficulty persists, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact	There are no known specific symptoms.
Skin contact	There are no known specific symptoms.
Ingestion	There are no known specific symptoms.
Inhalation	There are no known specific symptoms.

4.3 Immediate medical attention and special treatment

Note to physician: treat symptomatically.

5 SECTION 5: Fire-fighting measures

5.1 Extinguishing media	Suitable extinguishing media: foam, dry chemical powder, carbon dioxide; sand and earth may be used on small fires only.
5.2 Special hazards	Combustion produces toxic gases. May burn at high temperatures.
5.3 Advice for fire-fighters	Fires must be extinguished by trained personnel wearing suitable fire-protective clothing and breathing apparatus (oxygen / compressed-air mask).

6 SECTION 6: Accidental release measures

6.1 Personal precautions	Notify the emergency team. Remove unauthorised persons from the area. Remove open flames that could ignite the spilled product. Where necessary, apply the fire-fighting measures in Section 5.
6.2 Environmental precautions	Prevent the product from reaching water, sewers and drains; if necessary dig a protective trench and/or build a barrier with dry sand, earth or similar absorbent material. Use floating booms for spills on water.
6.3 Methods for cleaning up	Absorb the spilled product with absorbent or inert material. Keep waste material and the oil-contaminated surface layer of soil in closed containers in a well-ventilated area. Deliver waste to licensed hazardous waste disposal companies.
6.4 Reference to other sections	For larger spills contact the 112 emergency call centre. See Section 8 for personal protection and Section 13 for disposal.

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Manufactured by: PARKİM GRES ENDÜSTRİYEL YAĞLAR SANAYİ VE TİCARET LTD. ŞTİ. · İnönü Mah., Gebze Plastikçiler OSB, 32. Sk. No: 11, 41400 Gebze / Kocaeli · Phone +90 262 206 01 01

7 SECTION 7: Handling and storage

7.1 Precautions for safe handling

Safety precautions	Use the product in well-ventilated areas. Keep away from fire and heat sources.
Safe handling	Avoid contact with skin and eyes. Do not eat, drink or smoke while handling the product.

7.2 Conditions for safe storage

Suitable conditions	Storage in bunded or enclosed areas is recommended. Recommended storage temperature: 5°C to 40°C.
Conditions to avoid	Do not leave in direct sunlight or at high temperature. Avoid contact with water and strong oxidisers.
Packaging material	Recommended: materials resistant to hydrocarbons. Unsuitable: other materials.

7.3 Specific end uses

Uses specified in Section 1.2.

8 SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No occupational exposure limit values are given in the source SDS.

8.2 Exposure controls

Engineering controls	Ensure good ventilation.
Respiratory protection	Not required under normal use. In special cases (e.g. spills) wear a full-face mask; in case of fire use compressed-air breathing apparatus.
Hand protection	Use gloves resistant to petroleum products, e.g. PVC or neoprene.
Eye protection	Where necessary use safety glasses with side shields or a face shield.
Skin and body protection	No special protective clothing required. Avoid skin contact.
Hygiene measures	Do not eat, drink or smoke while handling. Wash hands before breaks. Remove oil-contaminated clothing and shoes immediately.
Environmental exposure	Observe the measures in Sections 6 and 7.

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9 SECTION 9: Physical and chemical properties

Property	Unit	Value	Test Method
Appearance	-	**Colored Liquid-Clear**	-
Odour	-	**Characteristic odour**	-
Odor Threshold	-	**No data**	-
pH	-	**7.4 - 9.4**	ASTM D193
Pour Point	°C	**-**	ASTM D6749
Initial Boiling Point and Boiling Range	-	**Min. 250**	ASTM D1120
Flash Point (Open Cup)	°C	**No data**	ASTM D92
Evaporation Rate	-	**No data**	-
Flammability (Solid, gas)	-	**No data**	-
Upper/Lower flammability or explosive limits	-	**No data**	-
vapor pressure	-	**No data**	-
Vapor Density	-	**No data**	-
Density, 15 °C	g/cm³	**1.040 - 1.085**	ASTM D4052
Resolution	-	**soluble in water**	-
Partition Coefficient: n-octanol/water	-	**No data**	-
Flammability Temperature	°C	**No data**	ASTM D92
Decomposition Temperature	-	**No data**	-
Kinematic Viscosity, 100 °C	mm²/s	**1.85**	ASTM D445

10 SECTION 10: Stability and reactivity

Chemical stability	Stable under normal conditions.
Conditions to avoid	Excessive heat, high-energy sources that could cause ignition.
Incompatible materials	Ignition sources, strong oxidisers.
Hazardous decomposition products	No known hazardous decomposition products under normal conditions.
Contact with water	No hazardous decomposition products on contact with water.
Formation of unstable products	No decomposition or formation of unstable products.

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11 SECTION 11: Toxicological information

11.1 Information on toxicological effects

Eye contact	Eye contact may cause temporary blindness.
Contact with skin	Prolonged or repeated contact may cause skin irritation. Contact of the hot product with the skin causes skin burns.
Ingestion	Harmful if swallowed, may cause poisoning.
Inhalation	Inhaling mist or smoke may cause irritation of the eyes, nose and throat. Vapor from hot product is irritating to the upper respiratory tract. 12 . Ecological Information Ecotoxicity: Harmful to aquatic organisms. Spills form a layer on the water surface and prevent oxygen passage. Mobility: Spillages can penetrate the soil and cause ground water contamination. Continuity and Liquidation: It has the ability to accumulate in soil. 13. Disposal Information Disposal information / Waste information It must be recycled within the scope of applicable laws and regulations. The used product must be delivered to licensed authorities for recycling or disposal in accordance with applicable laws and regulations. Empty packages can be dangerous because they may contain some product, and the product inside should be thoroughly drained. Used packaging must be delivered to licensed authorities for recycling or disposal in accordance with applicable laws and regulations. 14 .Transportation Information A DR : European Convention on the carriage of dangerous goods on international roads S TOT: Specific Target Organ Toxicity IATA: Regulations for the Transport of Dangerous Goods by Air IMDG : Dangerous Cargoes in International Maritime MARPOL: Convention for the Prevention of Marine Pollution from Ships, 1973, as amended by the 1978 Protocol 73/ 78 : (" Marpol " = marine pollution) PBT: Persistent , Bioaccumulative and Toxic RID : Regulation on the Transport of Dangerous Goods by International Rail STEL : The limit value that should not be exceeded in 15 minutes. TWA : Time-weighted average concentration measured or calculated for a specified reference period of 8 hours. vPvB : Very persistent and very bioaccumulative . DOT-4 15. LEGAL INFORMATION This safety data sheet has been prepared in light of the information available at the time it was written. It is the user's responsibility to comply with all applicable l aws and regulations and all necessary precautions regarding the use of the product. It cannot be stated or guaranteed, directly or indirectly, that the data in this i nformation sheet is correct or complete. The recommendations given are valid when this product is used for its specified applications. Our institution will not be responsible for any material damage or injuries that may arise from users' use of the product other than the specified one, failure to comply with the recommendations, or risks inherent in the material. This product should not be used for any purpose other than the specified applications without consulting us. Those who purchase this product to give and/or give it to third parties who will use it are responsible for passing on the information in this form to those who will use the product. Employers are obliged to explain the risks described in this form or the precautions to be taken to their workers and others who may be affected. 1 6. Other Information Key Information Sources This Safety Data Sheet has been prepared based on the information received from our raw material suppliers. All hazard statements

12 SECTION 12: Ecological information

Ecotoxicity	—
Persistence / bioaccumulation / mobility	—

13 SECTION 13: Disposal considerations

The product and used product must be recycled or delivered to licensed, authorised organisations for disposal in accordance with applicable waste legislation. Empty packaging may be hazardous because it can contain product residues; drain thoroughly and deliver the packaging to licensed organisations.

14 SECTION 14: Transport information

No UN number or transport class is given in the source SDS. As the product is not classified as hazardous (Section 2), it is not regarded as dangerous goods under ADR/RID, IMDG and IATA.

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ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road · RID: Regulations concerning the International Carriage of Dangerous Goods by Rail · IMDG: International Maritime Dangerous Goods Code · IATA: Dangerous Goods Regulations for air transport · MARPOL 73/78: International Convention for the Prevention of Pollution from Ships.

15 SECTION 15: Regulatory information

This safety data sheet has been prepared in the light of the information available at the time of writing. It is the user's responsibility to take all precautions related to the use of the product and to comply with all applicable legislation. The recommendations given are valid when the product is used for the specified applications. Those who supply the product to third parties must pass on the information in this sheet, and employers must explain the risks and precautions described in this sheet to their employees.

16 SECTION 16: Other information

Key data sources	This Safety Data Sheet has been prepared based on the information received from our raw material suppliers. Product label data.
Prepared by	_____
SDS preparer certificate no.	_____
Revision date	_____
Revision no.	_____

This safety data sheet has been prepared in the light of the information available at the time of writing.

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