

SAFETY DATA SHEET

according to EC directive 91/155/EEC

Print Date: 14.02.2006

Revision Date : 14.02.2006

Version : 1.0

Trade name: **Original ATE Brake Fluid SL.6**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : Original ATE Brake Fluid SL.6
Company : **Continental Teves AG & Co. oHG**
Guerickestr. 7
60488 Frankfurt a. M.
Germany
Telephone : + 49 69 76 03 1
Telefax : + 49 69 76 10 61
Contact person : Central Environment & Safety , Central Laboratory
Emergency telephone number : + 49 61 32 84 46 3

Use

Specific use(s) : Hydraulic fluid

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Solvent mixture, Additives

Hazardous components

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
2-(2-(2-Butoxyethoxy)ethoxy)ethanol	143-22-6	205-592-6	Xi; R41	5 - < 7
2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	111-77-3	203-906-6	R63; Repr.Cat.3	1 - < 3
1,1'-iminodipropan-2-ol; di- isopropanolamine	110-97-4	203-820-9	Xi; R36	1 - < 3

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3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

4. FIRST AID MEASURES

- General advice : Take off all contaminated clothing immediately.
In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Never give anything by mouth to an unconscious person.
- Inhalation : Remove to fresh air.
Keep patient warm and at rest.
If symptoms persist, call a physician.
- Skin contact : Wash off with soap and water.
- Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Remove contact lenses.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see heading 10).
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

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Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Take precautionary measures against static discharges.

Dust explosion class : not applicable

Storage

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Control parameters	Note	Update	Basis
mequinol; 4-methoxyphenol; hydroquinone monomethyl ether	150-76-5	5 mg/m ³		2003	EH40 OES

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Engineering measures

General advice : Provide adequate ventilation.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection

Glove thickness : 0,4 mm

Material : nitrile rubber

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.

For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : safety glasses with side-shields conforming to EN166

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : yellow

Odour : characteristic

Safety data

Solidification / Setting point : < -50 °C
Method: ISO 3016

Boiling point/range : 265 °C
Method: ASTM D 1120-72

Flash point : > 130 °C
Method: ISO 2719

Ignition temperature : > 200 °C
Method: DIN 51794

Vapour pressure : < 1 mbar
at 50 °C

Density : ca.1,06 g/cm³
at 20 °C

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Water solubility : soluble

10. STABILITY AND REACTIVITY

Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

Thermal decomposition : No decomposition if stored and applied as directed.

Hazardous reactions :

Stability:
No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 2.000 mg/kg

Acute toxicity (other routes of administration) : no data available

Skin irritation : No known irritant effect.

Eye irritation : Strong lachrymation can make it difficult to escape

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50Species: Leuciscus idus (Golden orfe)
Dose: > 100 mg/l
Exposure time: 96 h

Further information on ecology

Adsorbed organic bound halogens (AOX) : not included

Other ecotoxicological advice : no data available

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13. DISPOSAL CONSIDERATIONS

- Advice on disposal and packaging : Disposal:
In accordance with local and national regulations.
- EU Waste code: EWC : Waste Key (unused product) :
160113, brake fluids
- Waste key (used product) :
160113, brake fluids
- Disposal of uncleaned packaging : Waste key (uncleaned packaging) :
150110, packaging containing residues of or contaminated by
dangerous substances
Remarks:
Empty containers should be taken for local recycling or waste
disposal.

14. TRANSPORT INFORMATION

Land transport

- *ADR / GGVS:*

Regulation: Not dangerous goods

- *RID / GGVE:*

Regulation: Not dangerous goods

Sea transport

- *IMDG:*

Regulation: Not dangerous goods

Air transport

- *ICAO/IATA:*

Regulation: Not dangerous goods

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15. REGULATORY INFORMATION

Labelling according to EC Directives

Additional advice : Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.
Special labelling of certain preparations : Safety data sheet available for professional user on request.

VOC: : Directive 1999/13/EC
26,26 %
Volatile CMR compounds [%]: 0 %
Volatile halogenated compounds / R40 [%]: 0 %
VOC content less water: 278,36 g/l

National legislation

16. OTHER INFORMATION

R-phrases corresponding to the number shown in section 2 :

R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R63 Possible risk of harm to the unborn child.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.