

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Print Date: 28.01.2011

Revision Date :
28.01.2011

Version : 5.0

GB / EN

Commercial Product Name: **Original ATE Brake Fluid SL.6**

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name : Original ATE Brake Fluid SL.6

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Hydraulic fluid

1.3 Details of the supplier of the safety data sheet

Company : **Continental Aftermarket GmbH**
Guerickestrasse 7
60488 Frankfurt
Germany
+49-69-7603-1
+49-69-76 10 61

Contact person : Central Environment & Safety , Central Laboratory
E-mail address : ate.sicherheit@contiautomotive.com

1.4 Emergency telephone number

+ 49 61 32 84 46 3

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

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

2.2 Label elements

Labelling according to EC Directives: 1999/45/EC

Further information : Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Special labelling of certain mix-
tures : Safety data sheet available on request for professional users.

2.3 Other hazards

no data available

3. Composition/information on ingredients

3.1 Mixtures

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Chemical nature : Solvent mixture
Additives

Hazardous components

Chemical Name	CAS-No.	Classification (67/548/EEC)	Classification (1272/2008/EC)	Concentration [%]
	EC-No.			
	Registration number			
2-[2-(2-butoxyethoxy)ethoxy]ethanol	143-22-6	Xi; R41	Eye Dam. 1; H318	>= 5 - < 7
	205-592-6			
2-(2-methoxyethoxy)ethanol; diethylene glycol mono- methyl ether	111-77-3	Repr.Cat.3; R63	Repr. 2; H361	>= 1,5 - < 2
	203-906-6			
di-isopropanolamine	110-97-4	Xi; R36	Eye Irrit. 2; H319	>= 1,5 - < 2
	203-820-9			

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of 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.
- If inhaled : Remove to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses.
- If swallowed : If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

no data available

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5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

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

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and 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.

6.4 Reference to other sections

see chapter: 7, 8, 11, 12 and 13

7. Handling and storage

7.1 Precautions for safe 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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end uses

no data available

8. Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Control parameters	Basis	Update
2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	111-77-3	TWA: 50,1 mg/m ³ , 10 ppm Sk, 2,	GB EH40	2007-08-01
Components	CAS-No.	Control parameters	Basis	Update
2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	111-77-3	TWA: 50,1 mg/m ³ , 10 ppm skin,	2006/15/EC	2006-02-09

Other information on limit values: see chapter 16

8.2 Exposure controls

Engineering measures

Provide adequate ventilation.

Personal protective equipment

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

Hand protection

Material : butyl-rubber
 Glove thickness : 0,7 mm
 Directive : DIN EN 374
 Rate of permeability : > 30 min
 Protective index : Class 2

Remarks : 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.

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

Environmental exposure controls

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

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : no data available
Odour : characteristic
Odour Threshold : no data available
Flash point : > 130 °C
Method: ISO 2719

Ignition temperature : > 200 °C
Method: DIN 51794

Lower explosion limit : no data available
Upper explosion limit : no data available
Explosive properties : no data available
Flammability (solid, gas) : no data available
Oxidizing properties : no data available
Autoignition temperature : no data available
Burning number : no data available
Molecular Weight : no data available
pH : no data available
Solidification / Setting point : < -50 °C
Method: ISO 3016

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

Vapour pressure : < 1 mbar at 50 °C

Density : ca. 1,06 g/cm³ at 20 °C

Bulk density : no data available
Water solubility : soluble

Partition coefficient: n-octanol/water : no data available
Solubility in other solvents : no data available
Viscosity, dynamic : no data available

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Viscosity, kinematic : no data available
Flow time : no data available
Impact Sensitivity : no data available
Relative vapour density : no data available
Surface tension : no data available
Evaporation rate : no data available
Minimum ignition energy : no data available
Acid number : no data available
Refraction index : no data available
Miscibility in water : no data available
Solvent separation test : no data available

9.2 Other information

None known.

10. Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Stability: No decomposition if stored and applied as directed.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide (CO₂), Carbon monoxide, nitrogen oxides (NO_x)

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

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

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Acute inhalation toxicity:

2-(2-methoxyethoxy)ethanol;
diethylene glycol monomethyl
ether : LC50 (rat): > 200 mg/l
Exposure time: 1 h

Acute dermal toxicity:

2-(2-methoxyethoxy)ethanol;
diethylene glycol monomethyl
ether : LD50 (rat): ca. 6.450 mg/kg

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

Skin corrosion/irritation

Skin irritation : No skin irritation
No known irritant effect.

Serious eye damage/eye irritation

Eye irritation : Mild eye irritation
Strong lachrymation can make it difficult to escape.

Respiratory or skin sensitization

Sensitisation:

no data available

Germ cell mutagenicity

Genotoxicity in vitro:

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Teratogenicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

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no data available

Aspiration hazard

Aspiration toxicity

no data available

Neurological effects

no data available

Toxicology Assessment

Toxicology, Metabolism, Distribution

no data available

Acute effects

no data available

Further information

2-[2-(2-
butoxyethoxy)ethoxy]ethanol

: May be harmful by inhalation, ingestion, skin absorption.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and
diarrhoea.

12. Ecological information

12.1 Toxicity

Toxicity to fish

: LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 96 h

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

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Adsorbed organic bound halogens (AOX) : Remarks:
not included

Additional ecological information : no data available

13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal and packaging : Disposal:
In accordance with local and national regulations.
Waste codes should be assigned by the user based on the application for which the product was used.

The following Waste Codes are only suggestions:

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

Note: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

ADR
Not dangerous goods

RID
Not dangerous goods

IATA
Not dangerous goods

IMDG
Not dangerous goods

Special precautions for user
see chapter: 6, 7 and 8

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15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment

no data available

16. Other information

Full text of R-phrases referred to under sections 2 and 3

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

Full text of H-Statements referred to under sections 2 and 3.

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.

Other information

2	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used
Sk	Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
skin	Identifies the possibility of significant uptake through the skin

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.

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