



**Safety data sheet**  
according to the Hazardous Substances and New  
Organisms Act 1996

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

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

**1.1 Product identifier**

**Trade name:** Original ATE Brake Fluid SL.6 (DOT 4)

**Article number:** 03.9901-64xx.x / 7064xx

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

No further relevant information available.

**Application of the substance / the mixture** hydraulic liquid

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Continental Aftermarket GmbH

Guerickestr. 7

60488 Frankfurt a. M.

Germany

Tel: +49-69-76031

Fax: +49-69-761061

**Further information obtainable from:**

Gefahrstoffmanagement Konzern, Zentrales Materiallabor

ate.sicherheit@contiautomotive.com

**1.4 Emergency telephone number:**

In case of spill or fire: 111

For Information about first aid and medical advice in case of exposure: 0800 POISON (0800 764 766)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to the HSNO Act 1996 regulatory framework for hazardous substances**

The product / the compound is not classified according to the HSNO regulatory framework.

**2.2 Label elements**

**Labelling according to the HSNO Act 1996** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

161907-77-3	Ethanol, 2-butoxy-, manufacture of, by-products from	Eye Dam. 1	3%
110-97-4	1,1'-iminodipropan-2-ol	Eye Irrit. 2A	≤2%

(Contd. on page 2)



**Safety data sheet**  
according to the Hazardous Substances and New  
Organisms Act 1996

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

**Trade name: Original ATE Brake Fluid SL.6 (DOT 4)****Additional information:** For the wording of the listed hazard phrases refer to section 16.

(Contd. of page 1)

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** Remove contaminated clothes and shoes immediately.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Call a doctor immediately.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture**May be released in case of fire: CO, CO<sub>2</sub>, NO<sub>x</sub>.**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

NZ

(Contd. on page 3)



**Safety data sheet**  
**according to the Hazardous Substances and New**  
**Organisms Act 1996**

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

Trade name: Original ATE Brake Fluid SL.6 (DOT 4)

(Contd. of page 2)

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.  
**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:** Storage at room temperature.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:**

Store in dry conditions.

This product is hygroscopic.

Keep container tightly sealed.

**Storage class:** 10 combustible liquids.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### DNELs

##### 30989-05-0 MTG-100-Borate

Oral	DNEL Public long-term systemic	1.42 mg/kg bw/d
Dermal	DNEL Public long-term systemic	1.42 mg/kg bw/d
	DNEL Worker long-term systemic	2.36 mg/kg bw/d

#### PNECs

##### 30989-05-0 MTG-100-Borate

PNEC STP	100 mg/L
PNEC aqua (fresh water)	0.2112 mg/L
PNEC aqua (intermittent releases)	2.112 mg/L
PNEC aqua (marine water)	0.02112 mg/L
PNEC sediment (fresh water)	0.76 mg/kg sedim dw
PNEC sediment (marine water)	0.076 mg/kg sedim dw
PNEC soil	0.0283 mg/kg soil dw

#### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

(Contd. on page 4)



**Safety data sheet**  
**according to the Hazardous Substances and New**  
**Organisms Act 1996**

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

Trade name: Original ATE Brake Fluid SL.6 (DOT 4)

(Contd. of page 3)

**Respiratory protection:**

If occupational exposure limits are exceeded, use breathing mask (filter type A). Wear self-contained breathing apparatus in case of danger of oxygen displacement.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

Butyl caoutchouc (butyl rubber): minimum breakthrough time 180 min; minimum layer thickness: 0.7 mm

NBR (nitrile rubber): minimum breakthrough time 30 min; minimum layer thickness: 0.4 mm

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

**Limitation and supervision of exposure into the environment**

See section 6 and 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information****Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Light yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value at 20 °C:** 8 (ASTM D 1287)

**Change in condition**

**Melting point/freezing point:** < -70 °C (ASTM D 1177)

**Initial boiling point and boiling range:** 265 °C (ASTM D 1120)

**Flash point:** 132 °C (ASTM D 7094 (closed cup))

**Flammability (solid, gas):** Not applicable.

**Ignition temperature:** >300 °C (DIN 51794)

**Decomposition temperature:** 360 °C (Analogy)

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

(Contd. on page 5)

-NZ



**Safety data sheet**  
according to the Hazardous Substances and New  
Organisms Act 1996

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

Trade name: Original ATE Brake Fluid SL.6 (DOT 4)

(Contd. of page 4)

<b>Vapour pressure at 20 °C:</b>	0.27 Pa (Syracuse)
<b>Density at 20 °C:</b>	1.06 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>water:</b>	Fully miscible.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	13 mPas
<b>Kinematic at 20 °C:</b>	12.3 mm <sup>2</sup> /s (DIN 51562)
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>Solids content:</b>	1.9 %
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Dermal	LD50	3540 mg/kg (rat)
--------	------	------------------

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

(Contd. on page 6)



**Safety data sheet**  
according to the Hazardous Substances and New  
Organisms Act 1996

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

Trade name: Original ATE Brake Fluid SL.6 (DOT 4)

Aspiration hazard Based on available data, the classification criteria are not met.

(Contd. of page 5)

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

EC50 &gt; 5000 mg/l (bacteria)

LL50 &gt; 222.2 mg/L (fish)

**12.2 Persistence and degradability** No further relevant information available.**Other information:** The product is easily biodegradable.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course or sewage system.**12.5 Results of PBT and vPvB assessment** Not applicable.**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Waste disposal according EC-regulations 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

**Recommendation** Must be specially treated adhering to official regulations.**Uncleaned packaging:****Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

**SECTION 14: Transport information****14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Void

(Contd. on page 7)

-NZ-



**Safety data sheet**  
according to the Hazardous Substances and New  
Organisms Act 1996

Printing date 2017/08/08

Version number 2

Revision: 2017/01/02

**Trade name: Original ATE Brake Fluid SL.6 (DOT 4)**

(Contd. of page 6)

<b>14.4 Packing group ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards: Marine pollutant:</b>	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****New Zealand Inventory of Chemicals**

All ingredients are listed.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Sources**<http://echa.europa.eu/information-on-chemicals/cl-inventory><http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>[http://www.reach-clp-biozid-helpdesk.de/de/Downloads/CLP-VO/CLP\\_VO\\_Anhang\\_VI\\_Tabelle\\_3\\_2.pdf](http://www.reach-clp-biozid-helpdesk.de/de/Downloads/CLP-VO/CLP_VO_Anhang_VI_Tabelle_3_2.pdf)<http://www.safeworkaustralia.gov.au/>**\* Data compared to the previous version altered.**