

Trade Name: ATE – Brake Cylinder Paste

Version 4 / EU

Revision Date : 16.03.2005
Date of printing: 16.03.2005**1. Identification of Substance/Preparation and of Company****Identification of product:**

Trade name: ATE – Brake Cylinder Paste

Identification of manufacturer / supplierSupplier:Continental Teves AG & Co. oHG
D-60441 Frankfurt / Germany
Telefax: +49 69 – 7603 – 3814 / 3882
Telephone: +49 69 – 7603 – 1Manufacturer:Ge-Chem Dr. Spiess GmbH &CO KG
Hauptstrasse 4
D-67271 Kleinkarlbach
+49 6359 801-0**Contact Departments:**Central Laboratory / Environmental & Safety.
Tel.: +49 69 - 7603- 1Production
Tel.: +49 6359 – 801- 0**2. Composition/information on ingredients****Chemical characterization**

technical mixture containing polyalkylated glycols, amine compounds, trialkylphenols, castor oil derivates and stabilizers

Hazardous ingredients

2,2'-(Octylimino)bisethanol

Concentration: < 5 %
CAS number: 15520-05-5
EINECS number: 239-555-0
Hazard symbols: Xn
R phrases: 22 38 41

2,4,6-Tri-sec-butylphenol

Concentration: < 25 %
CAS number: 5892-47-7
EINECS number: 227-572-6
Hazard symbols: Xi N
R phrases: 38 51/53**3. Hazards identification**

The preparation described in this Safety Data Sheet is not classified as dangerous but does contain at least one dangerous component according to Article 14, paragraph 2.1b of the EU Dangerous Preparations Directive 1999/45/EEC

4. First aid measures

General information	Remove soiled or soaked clothing immediately
After inhalation	When inhaled remove to fresh air and seek medical aid.
After contact with skin	Affected skin should first be dabbed with cotton wool, then washed with plenty of water and a mild cleanser
After contact with eyes	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
After ingestion	Summon a doctor immediately.

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5. Fire-fighting measures**Suitable extinguishing media**

foam
water spray jet
dry powder
carbon dioxide

Extinguishing media that must not be used for safety reasons

Full water jet

Special hazards from the substance itself, its combustion products or from its vapours

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Nitrous gases (NOx)

Special protective equipment for fire fighting

Use self-contained breathing apparatus

6. Accidental release measures**Personal precautions**

Wear suitable personal protective equipment.

Environmental precautions

Do not allow to enter drains or waterways

Methods for cleaning up/taking up

Pick up with absorbent material (e.g. sand, kieselgur, acid binder, universal binder, sawdust).
Dispose of as prescribed

7. Handling and storage**Advice on safe handling**

Open and handle container with care.

Advice on protection against fire and explosion

Keep away from combustible materials

Further information on storage conditions

Storage: dry

8. Exposure controls/personal protection**General protective measures**

Avoid contact with eyes and skin

Hygiene measures

Keep away from foodstuffs and beverages.
Use barrier skin cream.

Hand protection :

For long-term exposure:
Butyl rubber gloves
Minimum breakthrough time / gloves : 480 min
Minimum thickness / gloves 0,7 mm
For short-term exposure (splash protection):
Nitrile rubber gloves.
Minimum breakthrough time / gloves : 30 min
Minimum thickness / gloves 0,4 mm
These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection :

safety glasses

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Form:	Liquid
Colour:	yellow
Odour:	weak
Solidifying Point :	< -30 °C Method: DIN 51583
Boiling point:	> 300 °C (1.013 mbar) Method: FMVSS 116
Flash point:	> 145 °C Method: DIN EN 22719 / ISO 2719 (closed cup)
Ignition temperature:	> 300 °C Method: DIN 51794
Oxidizing properties:	Not applicable
Self-ignition temperature:	Not applicable
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Evaporation rate:	Not applicable
Vapour pressure:	< 0,1 mbar (20 °C)
Density:	0,99 - 1 g/cm ³ (20 °C), Method: DIN 51757
Bulk density:	Not applicable
Vapour density in relation to air:	Not applicable
Solubility in water:	insoluble
Soluble in: fat	not determined
Solubility/qualitative:	soluble in methanol, ethanol
pH value:	8 - 9 (20 °C), Method : FMVSS 116
Octanol/water partition coefficient (log Pow) :	Not applicable
Viscosity (kinematic):	600 - 800 mm ² /s (20 °C)
Combustion number:	Not applicable

Further information The product is hygroscopic.**10. Stability and reactivity**

Thermal decomposition:	approx. 345 °C
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.

11. Toxicological information

Acute oral toxicity:	LD50 > 7.105 mg/kg (rat), Method: OECD 401
Acute inhalation toxicity:	not determined
Acute dermal toxicity:	not determined
Irritant effect on skin:	slight irritant effect - does not require labelling (rabbit) Source: Hoechst
Irritant effect on eyes:	non-irritant (rabbit eye), Source: Hoechst
Sensitization:	not determined
Mutagenicity:	not determined

12. Ecological information

Biodegradability:	63 % (28 d), Method: OECD 301 B
Fish toxicity:	LL50 > 100 mg/l (96 h, zebra fish), Method: OECD 203

Remarks

Apart from the information given in this Safety Data Sheet on environmental effects, there are no additional data on mobility, persistence, degradability and bioaccumulation available.

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13. Disposal considerations

Product In accordance with regulations for special waste, must be taken to an authorised special waste incineration plant.

14. Transport information

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

15. Regulatory information**Labelling in accordance with EC-Directives**

hazard warning labelling not compulsory

Special labelling for certain preparations

Safety Data Sheet available for professional user on request.

National regulations**Other regulations**

Threshold limit value (German MAK-value) not determined.

16. Other information**Text of the R-phrases which are allocated to the ingredients/components mentioned in section 2 of this Safety Data Sheet.**

22	Harmful if swallowed.
38	Irritating to skin.
41	Risk of serious damage to eyes.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.