## 1 Identification

**Product identifier**

**Trade name:** ATE Cylinder Paste

**Article number:** 03.9902-05xx.x / 7000xx

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

No further relevant information available.

**Application of the substance / the mixture**

Technical preservative and anti-corrosion agent

**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

**Information department:**
Gefahrstoffmanagement Konzern, Zentrales Materiallabor
ate.sicherheit@contiautomotive.com

**Emergency telephone number:** +49-6132-84463 (24 h) 190 languages spoken

## 2 Hazard(s) identification

**Classification of the substance or mixture**

The product is not classified according to the Hazard Communication Standard (HCS) (29 CFR 1910.1200(g)).

**Label elements**

GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

**Classification system:**

Health = 0

Fire = 1

Reactivity = 0

**NFPA ratings (scale 0 - 4)**

[Diagram showing NFPA ratings]

- Health = 0
- Fire = 1
- Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

[Diagram showing HMIS ratings]

- Health = *0
- Fire = 1
- Reactivity = 0

**Other hazards**

Results of PBT and vPvB assessment

PBT: Not applicable.

*(Contd. on page 2)*
Safety Data Sheet
acc. to OSHA HCS

Trade name: ATE Cylinder Paste

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Description: Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5892-47-7</td>
<td>2,4,6-Tri-sec-butylphenol</td>
</tr>
<tr>
<td>15520-05-5</td>
<td>2,2’-(Octylimino)bisethanol</td>
</tr>
<tr>
<td></td>
<td>Coco fatty amine reaction product</td>
</tr>
</tbody>
</table>

4 First-aid measures

Description of first aid measures
General information: Remove contaminated clothes and shoes immediately.
After inhalation: Supply fresh air and to be sure call for a doctor.
After skin contact:
Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:
Call a doctor immediately.
Information for doctor:
Most important symptoms and effects, both acute and delayed
No further relevant information available.
Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
For safety reasons unsuitable extinguishing agents: Water with full jet
Special hazards arising from the substance or mixture
May be released in case of fire: CO, CO2, NOx.
Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

**Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

**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.

**Protective Action Criteria for Chemicals**

<table>
<thead>
<tr>
<th>PAC-1:</th>
<th>None of the ingredients is listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAC-2:</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>PAC-3:</td>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

**7 Handling and storage**

**Handling:**
Open and handle receptacle with care.

**Information about protection against explosions and fires:**
No special measures required.

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

**Storage:**
Store mixture cool and dry.

**Information about storage in one common storage facility:**
Not required.

**Further information about storage conditions:**
This product is hygroscopic.

**Storage class according to TRGS 510:**
11 combustible solid substances.

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

**8 Exposure controls/personal protection**

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

**Control parameters**

**Components 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.
Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Use skin protection cream for skin protection.
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
Penetration time of glove material
Butyl caoutchouc (butyl rubber): minimum breakthrough time 480 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.
For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR
As protection from splashes gloves made of the following materials are suitable:
Nitrile rubber, NBR
Eye protection: Safety glasses

Limitation and supervision of exposure into the environment
See section 6 and 7. No additional measures necessary.

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information
Appearance:
Form: Pasty
Color: Whitish
Odor: Characteristic
Odor threshold: Not determined.
pH-value at 20 °C (68 °F): 8.5

Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: >300 °C (>572 °F) (FMVSS 116)
Flash point: >145 °C (>293 °F) (DIN EN 22719 / ISO 2719)
Flammability (solid, gaseous): Not determined.
Ignition temperature: >300 °C (>572 °F) (DIN 51794)
Decomposition temperature: Not determined.
Auto igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.
### 10 Stability and reactivity

**Reactivity** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.

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

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

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

**Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

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

<table>
<thead>
<tr>
<th>Compound</th>
<th>LD50/LC50</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5892-47-7 2,4,6-Tri-sec-butylphenol</td>
<td>Oral LD50 &gt;2,000 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>15520-05-5 2,2’-(Octylimino)bisethanol</td>
<td>Oral LD50 1,157 mg/kg (rat) (OECD 401)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50 &gt;2,000 mg/kg (rat) (OECD 402)</td>
<td></td>
</tr>
</tbody>
</table>
Primary irritant effect:
on the skin: Slight irritant effect - does not require labeling.
on the eye: No irritating effect.
Sensitization: No sensitizing effects known.
Additional toxicological information:

Carcinogenic categories
IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
NTP (National Toxicology Program)
None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:
5892-47-7 2,4,6-Tri-sec-butylphenol
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50</td>
<td>0.675 mg/l (daphnia) (OECD 202 48 h)</td>
</tr>
<tr>
<td>LC50</td>
<td>2.2-5 mg/L (fish) (OECD 203 96 h)</td>
</tr>
<tr>
<td>NOEC</td>
<td>0.0675 mg/L (Algae) (72 h)</td>
</tr>
<tr>
<td>ErC50</td>
<td>0.391 mg/L (Algae) (OECD 201 72 h)</td>
</tr>
</tbody>
</table>

15520-05-5 2,2´-(Octylimino)bisethanol
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50</td>
<td>1.35 mg/l (Algae) (OECD 201 72 h)</td>
</tr>
<tr>
<td>LC50</td>
<td>22 mg/L (fish) (OECD 203 96 h)</td>
</tr>
</tbody>
</table>

Persistence and degradability
This product is, corresponding to the desired stability, heavily biodegradable.

Behavior in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.

Additional ecological information:
General notes:
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

(Contd. of page 5)
13 Disposal considerations

**Waste treatment methods**
Disposal should be based on the relevant state and local laws and regulations, the disposal process should avoid pollution of the environment.

**Recommendation:**
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

**Uncleaned packagings:**
**Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

| UN-Number | Void |
| DOT       | UN3077 |
| ADR, IMDG, IATA |

**UN proper shipping name**

| DOT | Void |
| ADR | 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,4,6-Tri-sec-butylphenol) |
| IMDG | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,4,6-Tri-sec-butylphenol), MARINE POLLUTANT |
| IATA | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (containing 2,4,6-Tri-sec-butylphenol) |

**Transport hazard class(es)**

| DOT | Void |
| Class |
| ADR, IMDG, IATA |

**Environmental hazards:**
Product contains environmentally hazardous substances: 2,4,6-Tri-sec-butylphenol

**Marine pollutant:**
No

**Special marking (ADR):**
Symbol (fish and tree)
**Trade name:** ATE Cylinder Paste

<table>
<thead>
<tr>
<th><strong>Special marking (IATA):</strong></th>
<th>Symbol (fish and tree)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Warning: Miscellaneous dangerous substances and articles</td>
</tr>
<tr>
<td><strong>Danger code (Kemler):</strong></td>
<td>90</td>
</tr>
<tr>
<td><strong>EMS Number:</strong></td>
<td>F-A,S-F</td>
</tr>
<tr>
<td><strong>Stowage Category</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>Stowage Code</strong></td>
<td>SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.</td>
</tr>
</tbody>
</table>

| **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** | Not applicable. |

| **DOT** | **Remarks:** Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 |

| **ADR** | **Excepted quantities (EQ)** Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g **Remarks:** Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 Special Provision 375 |

| **IMDG** | **Limited quantities (LQ)** 5 kg **Excepted quantities (EQ)** Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g **Remarks:** Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 Special Provision 2.10.2.7 |

| **IATA** | **Remarks:** Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 Special Provision A197 |

| **UN "Model Regulation":** | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,4,6-TRI-SEC-BUTYLPHENOL), 9, III |

(Contd. of page 9)
15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All ingredients comply with TSCA requirements.
TSCA new (21st Century Act): (Substances not listed)
All ingredients are either listed as active or exempt.

Proposition 65

Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Cancerogenity categories

EPA (Environmental Protection Agency)
None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)
None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

Date of preparation / last revision 03/27/2019 / 4

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
### Safety Data Sheet

**acc. to OSHA HCS**

Printing date 03/27/2019  
Reviewed on 04/01/2019  
Version 5

<table>
<thead>
<tr>
<th>Trade name: ATE Cylinder Paste</th>
</tr>
</thead>
</table>

- **VOC:** Volatile Organic Compounds (USA, EU)  
- **LC50:** Lethal concentration, 50 percent  
- **LD50:** Lethal dose, 50 percent  
- **PBT:** Persistent, Bioaccumulative and Toxic  
- **vPvB:** very Persistent and very Bioaccumulative  
- **NIOSH:** National Institute for Occupational Safety  
- **OSHA:** Occupational Safety & Health  
- **TLV:** Threshold Limit Value  
- **PEL:** Permissible Exposure Limit  
- **REL:** Recommended Exposure Limit  
- **Acute Tox. 4:** Acute toxicity – Category 4  
- **Skin Irrit. 2:** Skin corrosion/irritation – Category 2  
- **Eye Dam. 1:** Serious eye damage/eye irritation – Category 1

**Sources**

- [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)  
- [https://www.epa.gov/tsca-inventory](https://www.epa.gov/tsca-inventory)  
- [https://www.cdc.gov/niosh/index.htm](https://www.cdc.gov/niosh/index.htm)  
- [https://www.osha.gov/](https://www.osha.gov/)  

* Data compared to the previous version altered.  

US