1 Identification

Product identifier

Trade name: ATE Assembly and Preserving Fluid VP 1449/8

Article number: 03.9902-03xx.x / 70000x

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture Preservative

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)

Health = 0
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *0
Fire = 1
Reactivity = 0

Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
Safety Data Sheet
acc. to OSHA HCS

Trade name: ATE Assembly and Preserving Fluid VP 1449/8

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>Description</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>5892-47-7 2,4,6-Tri-sec-butylphenol</td>
<td>Skin Irrit. 2</td>
<td>2.5-10%</td>
</tr>
<tr>
<td>15520-05-5 2,2’-(Octylimino)bisethanol</td>
<td>Eye Dam. 1; Acute Tox. 4; Skin Irrit. 2</td>
<td>1-2.5%</td>
</tr>
<tr>
<td>Coco fatty amine reaction product</td>
<td>Acute Tox. 4</td>
<td>&lt;1%</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

PAC-1:
None of the ingredients is listed.

PAC-2:
None of the ingredients is listed.

PAC-3:
None of the ingredients is listed.

7 Handling and storage

Handling:
Precautions for safe 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:
Requirements to be met by storerooms and receptacles: 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: 10 combustible liquids.
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.
- Use skin protection cream for skin protection.
- Wash hands before breaks and at the end of work.

**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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**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

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
</tr>
<tr>
<td>Form: Fluid</td>
</tr>
<tr>
<td>Color: Yellow</td>
</tr>
<tr>
<td>Odor: Weak, characteristic</td>
</tr>
<tr>
<td>Odor threshold: Not determined.</td>
</tr>
<tr>
<td><strong>pH-value at 20 °C (68 °F):</strong></td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
</tr>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: &gt;300 °C (&gt;572 °F)</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
</tr>
<tr>
<td>&gt;145 °C (&gt;293 °F)</td>
</tr>
<tr>
<td>Flammability (solid, gaseous):</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>Ignition temperature:</td>
</tr>
<tr>
<td>&gt;300 °C (&gt;572 °F)</td>
</tr>
<tr>
<td>&gt; 300 °C (&gt;572 °F)</td>
</tr>
</tbody>
</table>

(Contd. on page 5)
**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>Route</th>
<th>LD50/LC50</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td>7,105 mg/kg (rat) (OECD 401)</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Chemical Name</td>
<td>Primary Irritant Effect</td>
</tr>
<tr>
<td>------------</td>
<td>---------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>5892-47-7</td>
<td>2,4,6-Tri-sec-butylphenol</td>
<td>Slight irritant effect - does not require labeling.</td>
</tr>
<tr>
<td>15520-05-5</td>
<td>2,2´-(Octylimino)bisethanol</td>
<td>No irritating effect.</td>
</tr>
</tbody>
</table>

**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.

**Ecological Information**

**Toxicity:**

- **Aquatic Toxicity:**
  - LC50 >100 mg/L (fish) (OECD 203 96 h)
  - EC50 0.675 mg/l (daphnia) (OECD 202 48 h)
  - LC50 2.2-5 mg/L (fish) (OECD 203 96 h)
  - NOEC 0.0675 mg/L (Algae) (72 h)
  - ErC50 0.391 mg/L (Algae) (OECD 201 72 h)

- **15520-05-5 2,2´-(Octylimino)bisethanol**
  - EC50 1.35 mg/l (Algae) (OECD 201 72 h)
  - LC50 22 mg/L (fish) (OECD 203 96 h)
  - 328 mg/l (bacteria) (OECD 209)
  - 19.1 mg/l (daphnia) (OECD 202 48 h)

**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.

(Contd. on page 7)
48.1.25 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.

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 | Void |
| ADR, IMDG, IATA | UN3082 |

| UN proper shipping name | Void |
| DOT | Void |
| ADR | 3082 Environmentally hazardous substances, liquid, n.o.s. (2,4,6-Tri-sec-butylphenol) |
| IMDG | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4,6-Tri-sec-butylphenol), MARINE POLLUTANT |
| IATA | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (containing 2,4,6-Tri-sec-butylphenol) |

Transport hazard class(es)

| DOT | Void |
| Class | Void |

| ADR, IMDG, IATA | 9 Miscellaneous dangerous substances and articles |

| Class | 9 |
| Label |  |

| Packing group | DOT | Void |

(Contd. of page 8)
### ADR, IMDG, IATA

| Environmental hazards: | Product contains environmentally hazardous substances:  
2,4,6-Tri-sec-butylphenol |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine pollutant:</td>
<td>Symbol (fish and tree)</td>
</tr>
<tr>
<td>Special marking (ADR):</td>
<td>Symbol (fish and tree)</td>
</tr>
<tr>
<td>Special marking (IATA):</td>
<td>Symbol (fish and tree)</td>
</tr>
</tbody>
</table>

### Special precautions for user

<table>
<thead>
<tr>
<th>Danger code (Kepler):</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS Number:</td>
<td>F-A,S-F</td>
</tr>
<tr>
<td>Stowage Category</td>
<td>A</td>
</tr>
</tbody>
</table>

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### Transport/Additional information:

**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 ml  
Maximum net quantity per outer packaging: 1000 ml |
| Remarks: | Special Provision 375 |

**IMDG**

| Limited quantities (LQ): | 5L |
| Excepted quantities (EQ): | Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml |
| 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 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (2,4,6-TRI-SEC-BUTYLPHENOL), 9, III
48.1.25

* 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 03/26/2019 / 5

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)
**Trade name:** ATE Assembly and Preserving Fluid VP 1449/8

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

**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.*