

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 02/24/2020

Version 6

Reviewed on 01/31/2020

### 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 & Services GmbH

Sodener Straße 9

D-65824 Schwalbach am Taunus

Tel: +49-69-7603-11

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.

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**vPvB:** Not applicable.

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### 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

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

**Dangerous components:**

5892-47-7	2,4,6-Tri-sec-butylphenol	Skin Irrit. 2	<10%
15520-05-5	2,2'-(Octylimino)bisethanol	Eye Dam. 1; Acute Tox. 4; Skin Irrit. 2	<3%
	Coco fatty amine reaction product	Acute Tox. 4	<1%

### 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:**

CO<sub>2</sub>, 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, CO<sub>2</sub>, NO<sub>x</sub>.

**Advice for firefighters**

**Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

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### 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).

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 are listed.

**PAC-2:**

None of the ingredients are listed.

**PAC-3:**

None of the ingredients are 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 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.

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**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:**

<b>Form:</b>	Pasty
<b>Color:</b>	Whitish
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.

<b>pH-value at 20 °C (68 °F):</b>	8.5
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**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	>300 °C (>572 °F) (FMVSS 116)

<b>Flash point:</b>	>145 °C (>293 °F) (DIN EN 22719 / ISO 2719)
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<b>Flammability (solid, gaseous):</b>	Not determined.
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<b>Ignition temperature:</b>	>300 °C (>572 °F) (DIN 51794)
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<b>Decomposition temperature:</b>	Not determined.
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<b>Auto igniting:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure at 20 °C (68 °F):</b>	<0.1 hPa (<0.1 mm Hg) <0.1 hPa
<b>Density at 20 °C (68 °F):</b>	1 g/cm <sup>3</sup> (8.345 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Water:</b>	Insoluble.
<b>Partition coefficient (n-octanol/water):</b> Not determined.	
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
<b>Solvent content:</b>	
<b>VOC content:</b>	0.00 %
<b>Other information</b>	No further relevant information available.

### 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 (NO<sub>x</sub>)

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

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

**5892-47-7 2,4,6-Tri-sec-butylphenol**

Oral	LD50	>2,000 mg/kg (rat)
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**15520-05-5 2,2'-(Octylimino)bisethanol**

Oral	LD50	1,157 mg/kg (rat) (OECD 401)
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Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
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**Primary irritant effect:**

**on the skin:** Slight irritant effect - does not require labelling.

**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 are listed.

**NTP (National Toxicology Program)**

None of the ingredients are listed.

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

### 12 Ecological information

**Toxicity**

**Aquatic toxicity:**

**5892-47-7 2,4,6-Tri-sec-butylphenol**

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)
	328 mg/l (bacteria) (OECD 209)
	19.1 mg/l (daphnia) (OECD 202 48 h)
LC50	22 mg/L (fish) (OECD 203 96 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.  
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.

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### 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**

**DOT** Void  
**ADR, IMDG, IATA** UN3077

**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**  
**Class** Void

**ADR, IMDG, IATA**



**Class** 9 Miscellaneous dangerous substances and articles  
**Label** 9

**Packing group**

**DOT** Void  
**ADR, IMDG, IATA** III

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

**Marine pollutant:** No  
Symbol (fish and tree)

**Special marking (ADR):** Symbol (fish and tree)

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<b>Special marking (IATA):</b>	Symbol (fish and tree)
<b>Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles
<b>Danger code (Kemler):</b>	90
<b>EMS Number:</b>	F-A,S-F
<b>Stowage Category</b>	A
<b>Stowage Code</b>	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>DOT Remarks:</b>	Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500
<b>ADR Excepted quantities (EQ) Remarks:</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 Special Provision 375
<b>IMDG Limited quantities (LQ) Excepted quantities (EQ) Remarks:</b>	5 kg Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g 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
<b>IATA Remarks:</b>	Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 110607: (USA domestic) 1 800 535 5053 or international (001) 352 323 3500 Special Provision A197
<b>UN "Model Regulation":</b>	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,4,6-TRI-SEC-BUTYLPHENOL), 9, III

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### 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 are listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):** All ingredients comply with TSCA requirements.  
**Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**Carcinogenicity categories**

**EPA (Environmental Protection Agency)**

None of the ingredients are listed.

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients are listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are 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.

**Department issuing SDS:**

Gefahrstoffmanagement Konzern  
ate.sicherheit@contiautomotive.com

**Date of preparation / last revision** 02/24/2020 / 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)

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HMIS: Hazardous Materials Identification System (USA)

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 &amp; 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://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)<https://www.epa.gov/tsca-inventory><https://www.cdc.gov/niosh/index.htm><https://www.osha.gov/><http://www.iarc.fr/>**\* Data compared to the previous version altered.**