



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

### 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: +49-6196-87-0

##### 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

#### Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 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	<10%
	Skin Irritation 2	
15520-05-5	2,2'-(Octylimino)bisethanol	<3%
	Eye Damage 1; Acute Toxicity - Oral 4; Skin Irritation 2	
	Coco fatty amine reaction product	<1%
	Skin Irritation 2	

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 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.

(Contd. on page 2)



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(Contd. of page 1)

**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.

**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.

## 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 of the collected material according to regulations.

**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.

(Contd. on page 3)



**Trade name: ATE Cylinder Paste**

*(Contd. of page 2)*

**Information about storage in one common storage facility:**

Store away from flammable substances.  
Store away from foodstuffs.

**Further information about storage conditions:**

This product is hygroscopic.  
Store in dry conditions.

**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:**

The usual precautionary measures for handling chemicals should be followed.

Avoid contact with the eyes and skin.

Use skin protection cream for skin protection.

**Breathing equipment:** Not necessary if room is well-ventilated.

**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 480 min; minimum layer thickness: 0.7 mm

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

**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.

**pH-value at 20 °C (68 °F):** 8.5

**Change in condition**

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

**Flash point:** >145 °C (>293 °F) (DIN EN 22719 / ISO 2719)

*(Contd. on page 4)*



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(Contd. of page 3)

<b>Flammability (solid, gaseous):</b>	Not determined.
<b>Ignition temperature:</b>	>300 °C (>572 °F) (DIN 51794)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<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)
<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)
------	------	--------------------

**15520-05-5 2,2'-(Octylimino)bisethanol**

Oral	LD50	1,157 mg/kg (rat) (OECD 401)
------	------	------------------------------

Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
--------	------	-------------------------------

**Primary irritant effect:**

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

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

(Contd. on page 5)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(Contd. of page 4)

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

**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.

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

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

**Toxic to reproduction** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure**

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

**Specific target organ toxicity - repeated exposure**

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

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

## 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 (static) 2.2-5 mg/L (fish) (OECD 203 96 h)

NOEC 0.0675 mg/L (Algae)

ErC50 (static) 0.391 mg/L (Algae) (OECD 201 72 h)

ErC10 (static) 0.258 mg/L (Algae) (OECD 201 72 h)

**15520-05-5 2,2'-(Octylimino)bisethanol**

EC50 (static) 1.35 mg/l (Algae) (OECD 201 72 h)

>100 mg/l (bacteria) (OECD 209)

19.1 mg/l (daphnia) (OECD 202 48 h)

LC50 22 mg/L (fish) (OECD 203 96 h)

ErC10 (static) 0.402 mg/L (Algae) (OECD 201 72 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.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

US

(Contd. on page 6)



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(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

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:

Symbol (fish and tree)

#### Special marking (ADR):

Symbol (fish and tree)

#### Special marking (IATA):

Symbol (fish and tree)

#### Special precautions for user

Warning: Miscellaneous dangerous substances and articles

Hazard identification number (Kemler code): 90

EMS Number:

F-A,S-F

(Contd. on page 7)



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(Contd. of page 6)

<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</b>	
<b>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</b>	
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
<b>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 375

<b>IMDG</b>	
<b>Limited quantities (LQ)</b>	5 kg
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
<b>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 2.10.2.7

<b>IATA</b>	
<b>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
-------------------------------	--

### 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.

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

**California Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients are listed.

(Contd. on page 8)

US



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/12/2023

Version 7

Reviewed on 12/01/2022

Trade name: ATE Cylinder Paste

(Contd. of page 7)

**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)**

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.

**Recommended restriction of use** For industrial or professional purposes only.

**Department issuing SDS:**

Gefahrstoffmanagement Konzern  
ate.sicherheit@contiautomotive.com

**Date of preparation / last revision** 12/01/2022

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

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)

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 Toxicity - Oral 4: Acute toxicity – Category 4

Skin Irritation 2: Skin corrosion/irritation – Category 2

Eye Damage 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.