

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 24.02.2020

Version number 6

Revision: 31.01.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **ATE Cylinder Paste**

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

1.2 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

1.3 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

Further information obtainable from:

Gefahrstoffmanagement Konzern, Zentrales Materiallabor

ate.sicherheit@contiautomotive.com

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified according to the CLP regulation.

Hazard pictograms GHS09

Signal word Void

Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 5892-47-7 EINECS: 227-572-6 Reg.nr.: 01-2119978209-24-0000	2,4,6-Tri-sec-butylphenol Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315	<10%
CAS: 15520-05-5 EINECS: 239-555-0	2,2'-(Octylimino)bisethanol Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	<3%

SVHC

Does not contain any or < 0,1% SVHC according to Regulation (EC) No 1907/2006 (REACH), Article 57.

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

SECTION 4: First aid measures

4.1 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.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

 CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

 May be released in case of fire: CO, CO₂, NO_x.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 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.

6.3 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.

6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Open and handle receptacle with care.

Information about fire - and explosion protection: No special measures required.

7.2 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.

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Ingredients 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.

8.2 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

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

Eye protection: Safety glasses

Limitation and supervision of exposure into the environment

See section 6 and 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Pasty
Colour:	Whitish
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C: 8.5

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	>300 °C (FMVSS 116)

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

Flammability (solid, gas): Not determined.

Ignition temperature: >300 °C (DIN 51794)

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure at 20 °C: <0.1 hPa
<0.1 hPa

Density at 20 °C:	1 g/cm ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
water:	Insoluble.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic:	Not applicable.
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Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values 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:

Skin corrosion/irritation Slight irritant effect - does not require labelling.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) None.

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

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SECTION 12: Ecological information

12.1 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)

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (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.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 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 packaging:

Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN3077

14.2 UN proper shipping name
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)

14.3 Transport hazard class(es)
ADR, IMDG, IATA

Class
Label

 9 Miscellaneous dangerous substances and articles.
 9

14.4 Packing group
ADR, IMDG, IATA

III

14.5 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)

Special marking (IATA):

Symbol (fish and tree)

14.6 Special precautions for user

 Warning: Miscellaneous dangerous substances and
 articles.

Danger code:

90

EMS Number:

F-A,S-F

Stowage Category

A

Stowage Code

 SW23 When transported in BK3 bulk container, see
 7.6.2.12 and 7.7.3.9.

**14.7 Transport in bulk according to Annex II of
 Marpol and the IBC Code**

Not applicable.

Transport/Additional information:
ADR
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

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Transport category Remarks:	3 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) Excepted quantities (EQ) Remarks:	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
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

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Seveso category Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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

SECTION 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.

Relevant phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS:

 Gefahrstoffmanagement Konzern
 ate.sicherheit@contiautomotive.com

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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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.safeworkaustralia.gov.au/>
*** Data compared to the previous version altered.**