



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 & 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)



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

(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:

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, NO_x

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)



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

(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.

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:**

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

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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:	Fluid
Color:	Yellow
Odor:	Weak, characteristic
Odor threshold:	Not determined.

pH-value at 20 °C (68 °F): 8-9 (FMVSS 116)

Change in condition

Melting point/Melting range: <-30 °C (<-22 °F) (DIN 51583)

(Contd. on page 4)



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

(Contd. of page 3)

Boiling point/Boiling range:	>300 °C (>572 °F) (FMVSS 116)
Flash point:	>145 °C (>293 °F) (DIN EN 22719 - closed cup)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	>300 °C (>572 °F) (DIN 51794)
Decomposition temperature:	345 °C
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C (68 °F):	0.1 hPa (0.1 mm Hg)
Density at 20 °C (68 °F):	1 g/cm ³ (8.345 lbs/gal) (DIN 51757)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Water:	Insoluble.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C (68 °F):	600-800 mm ² /s
Solvent content:	
VOC content:	0.00 %
Other information	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_x)

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
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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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(Contd. on page 5)



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

(Contd. of page 4)

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.**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.

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:**

LC50 >100 mg/L (fish) (OECD 203 96 h)

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.

(Contd. on page 6)

US



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

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

DOT

ADR, IMDG, IATA

Void

UN3082

UN proper shipping name

DOT

ADR

IMDG

IATA

Void

3082 Environmentally hazardous substances, liquid, n.o.s. (2,4,6-Tri-sec-butylphenol)
 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4,6-Tri-sec-butylphenol), MARINE POLLUTANT
 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 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

ADR, IMDG, IATA

Void

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

(Contd. on page 7)



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

(Contd. of page 6)

EMS Number:	F-A,S-F
Stowage Category	A
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
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 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

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.

Hazardous Air Pollutants

None of the ingredients are listed.

California 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.

(Contd. on page 8)



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/11/2023

Version 8

Reviewed on 12/01/2022

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

(Contd. of page 7)

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

<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.