



# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 11/19/2025

Version 9.0

Reviewed on 11/01/2025

## 1 Identification

### Product identifier

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

### Other means of identification

**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:

AUMOVIO Aftermarket GmbH

Guerickestr. 7

60488 Frankfurt a. M.

Germany

Tel: +49-69-76031

#### Information department:

Hazardous Substances Management Aftermarket, Central Materials Laboratory

ate.sicherheit@aumovio.com

#### Emergency telephone number:

INFOTRAC

+1-352-323-3500 (International)

+1-800-535-5053 (North America)

## 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	

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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.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Call a doctor immediately.

**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.

### 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.

**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.

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**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.

## 7 Handling and storage

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

**Information about protection against explosions and fires:** Temperature class: T2

**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:**

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

**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**
**Appropriate engineering controls** No further data; see section 7.

**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

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**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**

<b>Physical state</b>	Liquid
<b>Color:</b>	Yellow
<b>Odor:</b>	Weak, characteristic
<b>Odor threshold:</b>	Not determined.
<b>Melting point/Melting range:</b>	<-30 °C (<-22 °F) (DIN 51583)
<b>Boiling point/Boiling range:</b>	>300 °C (>572 °F) (FMVSS 116)
<b>Flammability:</b>	Not applicable.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	>145 °C (>293 °F) (DIN EN 22719 - closed cup)
<b>Auto igniting:</b>	>300 °C (>572 °F) (DIN 51794)
<b>Decomposition temperature:</b>	345 °C
<b>pH-value at 20 °C (68 °F):</b>	8-9 (FMVSS 116)
<b>Viscosity:</b>	
<b>Kinematic at 20 °C (68 °F):</b>	600-800 mm <sup>2</sup> /s
<b>Dynamic:</b>	Not determined.
<b>Water:</b>	Insoluble.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Vapor pressure at 20 °C (68 °F):</b>	0.1 hPa (0.1 mm Hg)
<b>Vapor pressure:</b>	
<b>Density at 20 °C (68 °F):</b>	1 g/cm <sup>3</sup> (8.345 lbs/gal) (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Particle characteristics</b>	Not applicable.

<b>Other information</b>	No further relevant information available.
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<b>Appearance:</b>	
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<b>Form:</b>	Fluid
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**Important information on protection of health and environment, and on safety.**

<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Solvent content:</b>	
<b>VOC content:</b>	0.00 %
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

## 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.

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**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:

The ATE values (all routes of exposure) exceeding the upper limits of classification to Category 5

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
<b>5892-47-7 2,4,6-Tri-sec-butylphenol</b>		
Oral	LD50	>2,000 mg/kg (rat)
<b>15520-05-5 2,2'-(Octylimino)bisethanol</b>		
Oral	LD50	1,157 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)

#### Primary irritant effect:

**on the skin:** No classification is proposed, based on conclusive negative data.**on the eye:** No classification is proposed, based on conclusive negative data.**Sensitization:** Based on available data, the classification criteria are not met.**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.

#### Additional toxicological information:

#### Carcinogenic categories

<b>IARC (International Agency for Research on Cancer)</b>	
	None of the ingredients are listed.
<b>NTP (National Toxicology Program)</b>	
	None of the ingredients are listed.
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
	None of the ingredients are listed.

## 12 Ecological information

### Toxicity

<b>Aquatic toxicity:</b>	
LC50	>100 mg/L (fish) (OECD 203 96 h)

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**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.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects****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.

## 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**

Void

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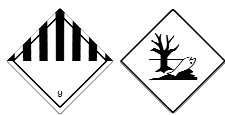
<b>ADR</b>	3082 Environmentally hazardous substances, liquid, n.o.s. (2,4,6-Tri-sec-butylphenol)
<b>IMDG</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4,6-Tri-sec-butylphenol), MARINE POLLUTANT
<b>IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (containing 2,4,6-Tri-sec-butylphenol)

**Transport hazard class(es)**

**DOT**  
**Class**

Void

ADR, IMDG, IATA



**Class**  
**Label**

9 Miscellaneous dangerous substances and articles  
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)

**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 Telephone (24/7)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

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 Telephone (24/7)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

Special Provision 2.10.2.7

**IATA****Remarks:**

Emergency Telephone (24/7)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

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	Special Provision A197
<b>Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles
<b>Hazard identification number (Kemler code):</b>	90
<b>EMS Number:</b>	F-A,S-F
<b>Stowage Category</b>	A
<b>UN "Model Regulation":</b>	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.

#### 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. It is the sole responsibility of the importer or distributor to identify and comply with all legal requirements necessary for the lawful placing of chemical products on the market in the respective target countries.

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

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**Trade name: ATE Assembly and Preserving Fluid VP 1449/8***(Contd. of page 8)***Department issuing SDS:**

Hazardous Substances Management Aftermarket

ate.sicherheit@aumovio.com

**Date of previous version** 12/01/2022**Version number of previous version:** 8.0**Date of preparation** 11/19/2025**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 &amp; 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

**\* Data compared to the previous version altered.**

US