



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

## Eni Additiv PT

Material number 868

Revision date: 10.2.2023

Version: 6.1

Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 1 of 8

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

### 1.1 Product identifier

Trade name: Eni Additiv PT

UFI: U030-V0YG-D006-YJJ5

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Metalworking fluid

### 1.3 Details of the supplier of the safety data sheet

Company name: Eni Schmiertechnik GmbH

Street/POB-No.: Paradiesstraße 14

Postal Code, city: DE-97080 Würzburg

WWW: [www.enischmiertechnik.de](http://www.enischmiertechnik.de)

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Telephone: +49 (0)931-90098-0

E-mail: [technik.wuerzburg@eni.com](mailto:technik.wuerzburg@eni.com)

### 1.4 Emergency telephone number

GIZ-Nord, Göttingen

Telephone: +49 (0)551-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Acute Tox. 4; H302 Harmful if swallowed.

Eye Dam. 1; H318 Causes serious eye damage.

### 2.2 Label elements

#### Labelling (CLP)



Signal word: **Danger**

Hazard statements: H302 Harmful if swallowed.  
H318 Causes serious eye damage.

Precautionary statements: P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

P264 Wash hands and face thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container to hazardous or special waste collection point.



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Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 2 of 8

### 2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

The product does not contain any as PBT or vPvB classified substances.

## SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

### 3.2 Mixtures

Chemical characterisation: Mixture of the substance mentioned below with non-hazardous additions:

Hazardous ingredients:

| Identifiers                          | Designation<br>Classification  | Content    |
|--------------------------------------|--|------------|
| list no. 612-519-5<br>CAS 61827-42-7 | Isodecyl alcohol, ethoxylated<br>Acute Tox. 4; H302. Eye Dam. 1; H318. | 90 - 100 % |

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                         |  |
|-------------------------|--|
| General information:    | First aider: Pay attention to self-protection!<br>If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse.   |
| In case of inhalation:  | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.  |
| Following skin contact: | Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.  |
| After eye contact:      | Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist. |
| After swallowing:       | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.   |

### 4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. Harmful if swallowed.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: Foam, carbon dioxide, Extinguishing powder, water spray jet.

Extinguishing media which must not be used for safety reasons:

Full water jet

### 5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: nitrogen oxides (NO<sub>x</sub>), smoke, traces of incompletely burned carbon compounds, carbon monoxide and carbon dioxide



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Material number 868

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Version: 6.1

Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 3 of 8

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Use a breathing apparatus independent of the ambient air (isolated apparatus) and a full protection outfit (suit) against chemicals.

Additional information:

Use fine water spray to cool endangered containers.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not allow water used to extinguish fire to enter drains, ground or waterways.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapours/spray. Avoid contact with the substance.

If possible, eliminate leakage. Provide adequate ventilation.

Wear appropriate protective equipment. Keep unprotected people away.

### 6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

If necessary notify appropriate authorities.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Never return spills in original containers for re-use.

Additional information:

Special danger of slipping by leaking/spilling product.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray.

Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight.

Store containers in upright position.

Shelf life: 12 months

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs. Do not store together with acids/alkalies and oxidation agents.

Storage class:

10 = Combustible liquids, unless storage class 3

### 7.3 Specific end use(s)

No information available.



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Material number 868

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Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 4 of 8

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

### Personal protection equipment

#### Occupational exposure controls

Respiratory protection: Usually no personal respirative protection necessary. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.  
Suitable respiratory protection apparatus: Combination filtering device (EN 14387)

Hand protection: Protective gloves according to EN 374.  
Glove material: Nitrile rubber  
Breakthrough time: 120 min  
Layer thickness: 0,5 mm  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:  
Do not breathe mist/vapours/spray. Take off contaminated clothing and wash it before reuse.  
Do not get in eyes, on skin, or on clothing.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

### Environmental exposure controls

Refer to "6.2 Environmental precautions".

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|   |                                     |
|---|-------------------------------------|
| Physical state at 20 °C and 101.3 kPa         | liquid                              |
| Colour:                                       | colourless                          |
| Odour:  | characteristic                      |
| Odour threshold:                              | No data available                   |
| Melting point/freezing point:                 | No data available                   |
| Initial boiling point and boiling range:      | > 250 °C (1013 hPa)                 |
| Flammability:                                 | Not applicable                      |
| Upper/lower flammability or explosive limits: | No data available                   |
| Flash point/flash point range:                | > 250 °C (DIN EN ISO 2592)          |
| Decomposition temperature:                    | No data available                   |
| pH:   | at 20 °C, 1%: 6,0 - 7,5             |
| Viscosity, kinematic:                         | No data available                   |
| Water solubility:                             | at 20 °C: Soluble                   |
| Partition coefficient: n-octanol/water:       | No data available                   |
| Vapour pressure:                              | No data available                   |
| Density:                                      | at 20 °C: 1 g/mL (DIN EN ISO 12185) |
| Vapour density:                               | No data available                   |
| Particle characteristics:                     | Not applicable                      |



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Material number 868

Revision date: 10.2.2023

Version: 6.1

Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 5 of 8

### 9.2 Other information

|                            |                   |
|----------------------------|-------------------|
| Explosive properties:      | No data available |
| Oxidizing characteristics: | No data available |
| Auto-ignition temperature: | No data available |
| Evaporation rate:          | No data available |
| Additional information:    | No data available |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.  
Protect from direct sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

|                        |                                      |
|------------------------|--------------------------------------|
|                        | No decomposition when used properly. |
| Thermal decomposition: | No data available                    |

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                        |  |
|------------------------|--|
| Toxicological effects: | The statements are derived from the properties of the single components. No toxicological data is available for the product as such. |
|                        | Acute toxicity (oral): Acute Tox. 4; H302 = Harmful if swallowed.  |
|                        | Acute toxicity (dermal): Lack of data.   |
|                        | Acute toxicity (inhalative): Lack of data.   |
|                        | Skin corrosion/irritation: Based on available data, the classification criteria are not met.   |
|                        | Serious eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.   |
|                        | Sensitisation to the respiratory tract: Lack of data.  |
|                        | Skin sensitisation: Lack of data.  |
|                        | Germ cell mutagenicity/Genotoxicity: Lack of data.   |
|                        | Carcinogenicity: Lack of data.   |
|                        | Reproductive toxicity: Lack of data.   |
|                        | Effects on or via lactation: Lack of data.   |
|                        | Specific target organ toxicity (single exposure): Lack of data.  |
|                        | Specific target organ toxicity (repeated exposure): Lack of data.  |
|                        | Aspiration hazard: Lack of data.   |

### 11.2 Information on other hazards

|                                  |                   |
|----------------------------------|-------------------|
| Endocrine disrupting properties: | No data available |
|----------------------------------|-------------------|



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Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 6 of 8

### Symptoms

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity: Information about Isodecyl alcohol, ethoxylated:

Fish toxicity: LC50 >100 mg/L/96h

Daphnia toxicity: EC50 > 100 mg/L/48h

Algae toxicity: IC50: >100 mg/L/72h

Water Hazard Class: 2 = obviously hazardous to water

### 12.2 Persistence and degradability

Further details: Biodegradation: 60 %/28 d (OECD 301 D).

Readily biodegradable

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

The product does not contain any as PBT or vPvB classified substances.

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number: 12 01 20\* = spent grinding bodies and grinding materials containing hazardous substances  
\* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.  
Do not dispose of with household waste.

#### Package

Recommendation: Dispose of waste according to applicable legislation.  
Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:

Not restricted



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Version: 6.1

Replaces version: 6.0

Language: en-DE

Date of print: 22.2.2023

Page: 7 of 8

### 14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.5 Environmental hazards

Dangerous for the environment: Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations - Germany

Storage class: 10 = Combustible liquids, unless storage class 3

Water Hazard Class: 2 = obviously hazardous to water

Information on working limitations:

Observe employment restrictions for young people.

Observe employment restrictions for expectant or nursing mothers.

Further regulations, limitations and legal requirements:

The product is not subject to the Chemicals Prohibition Ordinance (ChemVerbotsV).

#### National regulations - EC member states

Volatile organic compounds (VOC):

0 % by weight

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 75

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.

H318 = Causes serious eye damage.

Reason of change: General revision

Date of first version: 17.3.2022

Department issuing data sheet: see section 1: Department responsible for information



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Page: 8 of 8

Abbreviations and acronyms:

- Acute Tox.: Acute toxicity
- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- AS/NZS: Australian Standards/New Zealand Standards
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EC50: Effective Concentration 50%
- EN: European Standard
- EQ: Excepted quantities
- EU: European Union
- Eye Dam.: Eye damage
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IC50: Inhibition Concentration 50%
- IMDG Code: International Maritime Dangerous Goods Code
- LC50: Median lethal concentration
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- TRGS: Technical Rules for Hazardous Substances
- vPvB: Very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at  
<http://sumdat.net/v76e9h>

