# TECPO Diesel Additiv Longterm V_EN

**Version number:** 1.0
**Issued:** 2026-11-18

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

### 1.1. Product identifier

***Trade name***
TECPO Diesel Additiv Longterm V_EN

***Article No.***
300300

***UFI code***
73PT-WUCJ-A00E-RVDN

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

***Relevant identified uses***
Cleaner for fuel systems in car engines

***Not suitable for use in***
No further relevant information available.

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

***Supplier***
TECPO GmbH

Address
Dreherstraße 16-20

42899 Remscheid
Germany

Telephone
+49 2191 951 3305

Email
info@tecpo.de

Fax
+49 2191 951 33044

Web site
www.tecpo.de

Contact person
Baris Ünsal

### 1.4. Emergency telephone number

***Poison center/Additional emergency number***
+49 (0) 89 19240 (Available 24/7) - Poison Emergency Call Munich (Available for the public.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

*Classification according to Regulation (EC) No 1272/2008*

***Classification***

Aspiration hazard, hazard category 1
Hazardous to the aquatic environment — Chronic hazard category 3

***Hazard statements***

H304, H412

***Description***

The product is classified and labeled according to the CLP regulation.

### 2.2. Label elements

*Labelling according to Regulation (EC) No 1272/2008*

***Hazard pictograms***



***Signal word***

Danger

***Hazard statements***

H304 May be fatal if swallowed and enters airways.
H412 Harmful 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.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container to in accordance with local, regional, national, and international waste disposal regulations

***More information***
Packaging that is supplied to the general public must be provided with a tactile hazard warning in accordance with EN ISO 11683, regardless of its capacity. Packaging supplied to the general public must be fitted with child-resistant closures regardless of its capacity.

Hazard-determining components of labeling:
Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics
Hydrocarbons, C10, aromatics, <1% naphthalene

Ingredients according to detergent regulation EC 648/2004:
≥30% aliphatic hydrocarbons
<5% aromatic hydrocarbons

**2.3. Other hazards**
This product does not contain any PBT or vPvB substances.

The product does not contain any substances with endocrine-disrupting properties.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name | CAS No.<br>EC No.<br>REACH No.<br>Index No. | Concentration | Classification | H-phrase<br>M factor acute<br>M factor chronic | Specific concentration limits<br>ATE | Note |
|---|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics | -<br>918-481-9<br>-<br>649-327-00-6 | 50 - 100% | Asp. Tox. 1 | H304, EUH066<br>-<br>- | | - |
| 2-Ethylhexylnitrate | 27247-96-7<br>248-363-6<br>01-2119539586-27<br>- | ≥0,25 - <2,5% | Acute Tox. 4 - oral, Acute Tox. 4 - dermal, Acute Tox. 4 - inhalation, Aquatic Acute 1, Aquatic Chronic 1 | H302, H312, H332, H400, H410, EUH044, EUH066<br>-<br>- | | - |
| Hydrocarbons, C10, aromatics, <1% naphthalene | -<br>918-811-1<br>01-2119463583-34<br>- | ≥0,25 - <2,5% | Asp. Tox. 1, STOT SE 3 - narcosis, Aquatic Chronic 2 | H304, H336, H411<br>-<br>- | | - |
| Hydrocarbons, C10, aromatic, >1% naphthalene | -<br>919-284-0<br>01-2119463588-24<br>- | ≥0,25 - <1% | Asp. Tox. 1, STOT SE 3 - narcosis, Carc. 2, Aquatic Chronic 2 | H304, H336, H351, H411, EUH066<br>-<br>- | | - |

***Substance additional information***
For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First aiders should pay attention to self-protection. If symptoms occur or in case of doubt, seek medical advice. Take affected persons out into the fresh air.

***Inhalation***
Supply fresh air, consult a doctor in case of complaints. If unconscious, position and transport in the recovery position.

***Skin contact***
Wash off immediately with soap and water and rinse thoroughly. Take off contaminated clothing and wash it before reuse.

***Eye contact***
Keep eyelids open and rinse thoroughly with clean, running water for at least 15 minutes.
Remove existing contact lenses if possible. Consult a doctor if symptoms persist.

***Ingestion***
Rinse mouth. DO NOT induce vomiting. Get medical attention immediately. If unconscious, place in recovery position and seek medical assistance immediately. Turn a vomiting person lying on their back onto their side. In case of vomiting, note the risk of aspiration. Always consult a doctor!

### 4.2. Most important symptoms and effects, both acute and delayed
***Inhalation***
Inhalation of high concentrations of vapors can affect the central nervous system (drowsiness, dizziness, headaches, unconsciousness, etc.).

***Skin contact***
Prolonged or repeated skin contact causes degreasing and drying of the skin and can lead to irritation and dermatitis.

***Eye contact***
Strong irritant effect on contact with the eye.

***Ingestion***
In case of ingestion or vomiting, danger of penetration into the lungs.
Aspiration can lead to pulmonary edema and pneumonia.
Swallowed product may cause indigestion, nausea and diarrhea.
Product may cause chronic liver and kidney damage.

### 4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.
Oxygen ventilation if necessary.
Subsequent observation for pneumonia and pulmonary edema.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media
***Suitable extinguishing media***
Adapt fire extinguishing measures to the surroundings. Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Fight a large fire with a water spray jet.

***Unsuitable extinguishing media***
Full water jet.

**5.2. Special hazards arising from the substance or mixture**
May form explosive gas-air mixtures.
Vapors are heavier than air and can travel long distances along the ground/ignite/rebound to the source.

Can be released in the event of a fire:
Carbon monoxide and carbon dioxide
Hydrocarbons.

**5.3. Advice for firefighters**
***Special protective equipment for fire-fighters***
Wear self-contained breathing apparatus.
If possible, remove stored goods from the fire zone.
Cool closed containers near the source of the fire with water.

**Other**
Collect contaminated extinguishing water separately and do not allow it to enter the sewage system.
Ensure sufficient extinguishing water retention.
Dispose of contaminated extinguishing water in accordance with official regulations.
Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Keep away from sources of ignition - No smoking.
Do not inhale vapors. Wear self-contained breathing apparatus if large quantities are released.
Wear protective equipment. Keep unprotected persons away.

Staff not trained for emergencies:
Avoid contact with product.
Keep ignition sources away.

Emergency services: Use suitable personal protective equipment (see SECTION 8).

**6.2. Environmental precautions**
Do not allow to enter drains/surface water/ground water.
If the product enters the sewage system/surface water/groundwater, inform the responsible authority.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder).
If large quantities of liquid leak out, contain and dispose of.
Dispose of contaminated material as waste according to section 13.

### 6.4. Reference to other sections

See SECTIONS 7+8+13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

***Preventive handling precautions***

Avoid aerosol formation.
Do not inhale gases/vapors/aerosols.
Keep away from sources of ignition.
Avoid prolonged or repeated contact with the skin.
Organic material soaked with product such as cleaning cloths, paper, etc. represents a fire hazard and must be collected and disposed of in a controlled manner.

Notes on fire and explosion protection:
Vapors can form an explosive mixture with air.
Keep away from heat, sparks and naked flames.
Take action to prevent static discharges.
Vapors are heavier than air and creep along the floor.

***General hygiene***

Do not eat, drink, smoke or take snuff at work. Wash hands before breaks and at the end of work.
Remove soiled, soaked clothing immediately. Wash contaminated clothing before reuse.
Store work clothes separately. Ensure good ventilation/extraction at the workplace.
Do not carry product-soaked cleaning cloths in your trouser pockets.

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

Requirements for storage rooms and containers:
Store in a cool, dry place in tightly closed containers. Store only in the original container.

Storage instructions:
Store separately from foodstuffs, luxury foods and animal feed.
Do not store together with oxidizing or self-igniting substances.

Further information on storage conditions:
Keep away from heat and direct sunlight.
Store in a well-ventilated place.

Storage class according to TRGS 510: 10 - Flammable liquids that cannot be assigned to any of the aforementioned LGKs

### 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

***Exposure limits***

Additional information: The lists valid at the time of preparation were used as a basis.

*DNEL/DMEL*

| Product/Substance name (CAS No./EC No.) | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Oral | 0,025 mg/kg bw/day | Consumers | Systemic |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Dermal | 1 mg/kg bw/day | Workers | Systemic |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Dermal | 0,52 mg/kg bw/day | Consumers | Systemic |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Dermal | 0,044 mg/kg bw/day | Workers | Local |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Dermal | 0,022 mg/kg bw/day | Consumers | Local |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Inhalation | 0,35 mg/m³ | Workers | Systemic |

| Product/Substance name (CAS No./EC No.) | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | DNEL | Chronic (long term) Inhalation | 0,087 mg/m³ | Consumers | Systemic |
| Hydrocarbons, C10, aromatics, <1% naphthalene (-/918-811-1) | DNEL | Chronic (long term) Oral | 7,5 mg/kg bw/day | Consumers | Systemic |
| Hydrocarbons, C10, aromatics, <1% naphthalene (-/918-811-1) | DNEL | Chronic (long term) Dermal | 12,5 mg/kg bw/day | Workers | Systemic |
| Hydrocarbons, C10, aromatics, <1% naphthalene (-/918-811-1) | DNEL | Chronic (long term) Dermal | 7,5 mg/kg bw/day | Consumers | Systemic |
| Hydrocarbons, C10, aromatics, <1% naphthalene (-/918-811-1) | DNEL | Chronic (long term) Inhalation | 151 mg/m³ | Workers | Systemic |
| Hydrocarbons, C10, aromatics, <1% naphthalene (-/918-811-1) | DNEL | Chronic (long term) Inhalation | 32 mg/m³ | Consumers | Systemic |
| Hydrocarbons, C10, aromatic, >1% naphthalene (-/919-284-0) | DNEL | Chronic (long term) Dermal | 7,5 mg/kg bw/day | Consumers | Systemic |
| Hydrocarbons, C10, aromatic, >1% naphthalene (-/919-284-0) | DNEL | Chronic (long term) Inhalation | 32 mg/m³ | Consumers | Systemic |
| Hydrocarbons, C10, aromatic, >1% naphthalene (-/919-284-0) | DNEL | Chronic (long term) Oral | 7,5 mg/kg bw/day | Consumers | Systemic |
| Hydrocarbons, C10, aromatic, >1% naphthalene (-/919-284-0) | DNEL | Chronic (long term) Inhalation | 151 mg/m³ | Workers | Systemic |
| Hydrocarbons, C10, aromatic, >1% naphthalene (-/919-284-0) | DNEL | Chronic (long term) Dermal | 12,5 mg/kg bw/day | Workers | Systemic |

*PNEC/PEC*

| Product/Substance name (CAS No./EC No.) | Type | Environmental compartment | Value |
|---|---|---|---|
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Freshwater | 0,0008 mg/l |

| Product/Substance name (CAS No./EC No.) | Type | Environmental compartment | Value |
|---|---|---|---|
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Marine water | 0,00008 mg/l |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Sewage Treatment Plant | 10 mg/l |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Soil | 0,00019 mg/kg soil dry weight |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Sediment (freshwater) | 0,00074 mg/kg sediment dw |
| 2-Ethylhexylnitrate (27247-96-7/248-363-6) | PNEC | Sediment (marine water) | 0,00074 mg/kg sediment dw |

### 8.2. Exposure controls

***Personal Protective Equipment Symbols***



***Eye / face protection***

Tightly sealed safety goggles (EN 166)

***Hand protection***
Protective gloves are recommended for frequent and/or prolonged skin contact with the product.
The glove material must be impermeable and resistant to the product / substance / mixture.
Due to missing tests no recommendation for the glove material can be given for the product / the mixture / the chemical mixture.
Selection of the glove material taking into account the breakthrough times, permeation rates and degradation.

Glove material:
The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.
Nitrile rubber
Gloves made from PVA
Fluororubber (Viton)

Penetration time of the glove material:
With a layer thickness of 0.5 mm, the penetration time is greater than 480 minutes. The exact breakthrough time can be obtained from the protective glove manufacturer and must be adhered to.

***Other skin protection***
Solvent-resistant protective clothing

***Respiratory protection***
Not necessary if the room is well ventilated.
Use respiratory protection if ventilation is insufficient or the limit values are exceeded.
Wear self-contained breathing apparatus if large quantities are released.
Recommended filter type: Filter A

**Other**
Do not eat, drink, smoke or take snuff at work.
Take off contaminated clothing and wash it before reuse.
Do not carry product-soaked cleaning cloths in your trouser pockets.
Wear suitable protective clothing when working.
Avoid contact with eyes.
Avoid prolonged and intensive skin contact.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties
***Physical state***
Liquid

***Colour***
Colorless

***Odour***
light

***Odour threshold***
Not determined.

***Melting point / freezing point***
Not determined.

***Boiling point or initial boiling point and boiling range***
160 - 245 °C
**Method**
( Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics )

***Flammability***
Not applicable.

***Lower and upper explosion limit***
Lower: 2.0% by volume; Upper: 12% by volume

***Flash point***
> 61 °C
**Method**
( Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics )

***Auto-ignition temperature***
> 200 °C
**Method**
( Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics )

***Decomposition temperature***
Not determined.

***pH***
Not determined.

***Kinematic viscosity***
Not determined.

***Viscosity, dynamic***
Not determined.

***Solubility***
No data available

***Water solubility***
Fully miscible

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

***Vapour pressure***
0,5 hPa
**Method**
( Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics )

***Density and/or relative density***
Not determined.

***Relative density***
Not determined.

***Relative vapour density***
Not determined.

***Evaporation Rate***
Not determined.

***Explosive properties***
Not applicable.

***Oxidising properties***
Not applicable.

***VOC %***
0 %

***Particle characteristics***
No data available

***Information on basic physical and chemical properties***
The product is not self-igniting.
The product is not potentially explosive.

**9.2. Other information**
No data available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**
No further relevant information available.

**10.2. Chemical stability**
The product is stable under normal conditions.

**10.3. Possibility of hazardous reactions**
No dangerous reactions known.

**10.4. Conditions to avoid**
Heat, sparks, naked flames, electrostatic discharges.

**10.5. Incompatible materials**
Strong oxidising agents.

**10.6. Hazardous decomposition products**
None if used as intended.

## SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**
***Acute toxicity***
ATE
dermal: LD50 = 47,826 mg/kg; inhalation: LC50 = 478 ppmV/4h

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

| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline |
|---|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, N-alkanes, isoalkanes, cyclic, < 2% aromatics / 918-481-9 | LD50 | >5000 mg/kg | Oral | - | Rat | OECD 401 |

| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline |
|---|---|---|---|---|---|---|
| Hydrocarbons, C10, aromatic, >1% naphthalene / 919-284-0 | LD50 | >2000 mg/kg | Dermal | - | Rabbit | - |
| Hydrocarbons, C10, aromatic, >1% naphthalene / 919-284-0 | LD50 | 6318 mg/kg | Oral | - | Rat | - |
| Hydrocarbons, C10, aromatic, >1% naphthalene / 919-284-0 | LC50 | 4,688 mg/l | Inhalative | 4 hours | Rat | - |
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | LD50 | 9600 mg/kg | Oral | - | Rat | - |
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | LC0 | 4,6 mg/l | Inhalative | 1 hour | Rat | CFR 173.343 |
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | LC50 | >5,65 mg/l | Inhalative | 4 hours | Rat | - |

***Skin corrosion/irritation***
Based on available data, the classification criteria are not met.

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

***Respiratory or skin sensitisation***
Allergic reactions may occur in sensitized individuals.
This also applies below the specified thresholds.
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.

***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***
May be fatal if swallowed and enters airways.

***Symptoms related to the physical, chemical and toxicological characteristics***
Even the smallest amounts that enter the lungs after ingestion or subsequent vomiting can lead to pulmonary edema or pneumonia.

### 11.2. Information on other hazards
***Endocrine disrupting properties***
The product does not contain any substances with endocrine-disrupting properties.

## SECTION 12: Ecological information

### 12.1. Toxicity
***Acute fish toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline |
|---|---|---|---|---|---|
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | LC50 | 2 mg/l | 96 hours | Brachydanio rerio (Zebra Fish) | OECD 203 |

***Acute algae toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline | Remark |
|---|---|---|---|---|---|---|
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | EC50 | >2,23 mg/l | 72 hours | Raphidocelis subcapitata | OECD 201 | statically |

***Acute crustacean toxicity***

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline | Remark |
|---|---|---|---|---|---|---|
| 2-Ethylhexylnitrate 27247-96-7 / 248-363-6 | EC50 | 0,83 mg/l | 48 hours | Daphnia magna | OECD 202 | statically |

**12.2. Persistence and degradability**

No further relevant information available.
No information is available about the mixture.

**12.3. Bioaccumulative potential**

No further relevant information available.

**12.4. Mobility in soil**

***Mobility***

No further relevant information available.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Endocrine disrupting properties**

The product does not contain any substances with endocrine-disrupting properties.

**12.7. Other adverse effects**

No further relevant information available.

Behavior in sewage treatment plants:
27247-96-7 2-Ethylhexylnitrate
EC50 : > 1000 mg/l/3h (mic) (OECD 209)

**Other**

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.

***German Water Class***
WGK3 - highly water endangering

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

***Disposal considerations***
The mentioned waste codes are recommendations based on the expected use of the product.
Must not be disposed of together with household waste. Do not allow to enter drains.

***Packaging***
The packaging must be disposed of in accordance with the Packaging Act.
Contaminated packaging must be disposed of in the same way as the substance.
Non-contaminated packaging can be recycled.

| Waste code | Waste description |
|---|---|
| 13 07 03* | other fuels (including mixtures) |

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

**Other**
HP14 - ecotoxic

## SECTION 14: Transport information

### 14.1. UN number
No dangerous goods in the sense of these transport regulations.

### 14.2. UN proper shipping name

***ADR / RID / ADN proper shipping name***
No dangerous goods in the sense of these transport regulations.

### 14.3. Transport hazard class(es)

***Label***
No dangerous goods in the sense of these transport regulations.

***ADR / RID Class***
No dangerous goods in the sense of these transport regulations.

***ADR / RID Classification code***
No dangerous goods in the sense of these transport regulations.

***ADR / RID hazard identification number***
No dangerous goods in the sense of these transport regulations.

***IMDG Class***
No dangerous goods in the sense of these transport regulations.

**14.4. Packing group**
No dangerous goods in the sense of these transport regulations.

**14.5. Environmental hazards**
Not applicable.

***IMDG Marine Pollutant***
Not applicable.

**14.6. Special precautions for user**
Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**
Not applicable.

**Other**

***Additional information ADR-RID***
Not applicable.

***Additional information IMDG***
Not applicable.

## SECTION 15: Regulatory information

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

***EU regulations***

Directive 2012/18/EU - Named dangerous substances - ANNEX I
None of the ingredients are included.

Annex XVII (REACH):
Taking into account the intended use as specified in Section 1, the relevant entries from Annex XVII are listed below.
the following restrictions: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
None of the ingredients are included.

Regulation (EU) 2019/1148
Annex I - Restricted explosives precursors
None of the ingredients are included.

Annex II - Reportable explosives precursors
None of the ingredients are included.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients are included.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug substitutes
None of the ingredients are included.

***National regulations***
Technical guidance on air:
Class NK = 50–100% content

Water hazard classification : 3 - highly water endangering
(Self-assessment)

Storage class according to TRGS 510: 10 - Flammable liquids that cannot be assigned to any of the aforementioned LGKs

Substances of Very High Concern (SVHC) according to REACH, Article 57:
None of the ingredients are included.

**15.2. Chemical safety assessment**
No chemical safety assessment has been carried out.

## SECTION 16: Other information

***Abbreviations***

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
AGW - Occupational Exposure Limit (Arbeitsplatzgrenzwert)
ATE - Acute Toxicity Estimate
AwSV - Ordinance on Installations for Handling Substances Hazardous to Water
C&L - Einstufung und Kennzeichnung
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSR - Chemical Safety Report
DNEL - Derived No Effect Level
ECHA - European Chemicals Agency
GefStoffV - Hazardous Substances Ordinance (Gefahrstoffverordnung)
GHS - Globally Harmonized System
IMDG - International Maritime Dangerous Goods
International Air Transport Association
IUCLID - International Uniform Chemical Information Database
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LGK - Storage Class (Lagerklasse)
OEL - Occupational Exposure Lim
PBT - Persistent, Bioaccumulative and Toxic substance
PNEC - Predicted No Effect Concentration(s)
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SCBA - Self-Contained Breathing Apparatus
STOT - Specific Target Organ Toxicity
SVHC - Substances of Very High Concern
TRGS - Technische Regeln für Gefahrstoffe
UFI - Unique Formula Identifier
vPvB - Very Persistent and Very Bioaccumulative
WGK - Water Hazard Class (Wassergefährdungsklasse)

***Phrase meaning***

Asp. Tox. 1 - Aspiration hazard, hazard category 1
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4
Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1
STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis
Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic hazard category 2
Carc. 2 - Carcinogenicity, hazard category 2
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer .
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH044 Risk of explosion if heated under confinement.
EUH066 Repeated exposure may cause skin dryness or cracking.

**Other**

***Additional information***

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials
processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

***Manufacturer's notes***

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.