TECPO

TECPO DPF Reiniger ESTER_EN

Version number: 2.0
Issued: 2024-10-02
Replaces SDS: 2024-08-21

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

1.1. Product identifier

Trade name

TECPO DPF Reiniger ESTER_EN

Article No.

300873

UFI code

Y98V-WUV0-U000-SG9M

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

Relevant identified uses

Exhaust gas cleaning

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

1.4. Emergency telephone number

Poison center/Additional emergency number

+49 (0) 89 19240 - Poison Emergency Call Munich

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

Hazard statements

H304

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.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container to dispose of in accordance with local / regional / national / international regulations.

More information

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

Additional 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.

Ingredients according to detergent regulation EC 648/2004:
aliphatic hydrocarbons : >=30 %

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. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics	- 918-481-9 - 649-327-00-6	50 - 100%	Asp. Tox. 1	H304, EUH066 - -	-
cerium(3+)neodecanoat	68084-49-1 - - -	0 - <2,5%	Aquatic Chronic 3	H412 - -	-

Product based on

Mixture of the substances listed below with additives not subject to labeling.

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

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. If skin irritation persists, consult a doctor.

Eye contact
Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor if symptoms persist.
Remove existing contact lenses if possible.

Ingestion
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Turn a vomiting person lying on their back onto their side. Consult a doctor immediately.
If unconscious, place in recovery position and seek medical assistance immediately.

4.2. Most important symptoms and effects, both acute and delayed
Inhalation of high concentrations of vapors can affect the central nervous system (drowsiness, dizziness, headaches, unconsciousness, etc.). Prolonged or repeated skin contact causes degreasing and drying of the skin and can lead to irritation and dermatitis.
Strong irritant effect on contact with the eye. Swallowed product may cause indigestion, nausea and diarrhea.
Product may cause chronic liver and kidney damage.

Hazards:
In case of ingestion or vomiting, danger of penetration into the lungs.
Aspiration can lead to pulmonary edema and pneumonia.

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
In case of fire: Use alcohol-resistant foam, carbon dioxide (CO2), extinguishing powder or water spray to extinguish.

Unsuitable extinguishing media
Full water jet.

5.2. Special hazards arising from the substance or mixture
Product is not flammable, but combustible. 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.
Metal oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus.
Cool closed containers near the source of the fire with water. 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Note the risk of slipping.
Ensure adequate ventilation.
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.
Emergency services: Use suitable personal protective equipment (see SECTION 8).

6.2. Environmental precautions

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

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.
Ensure good ventilation/extraction at the workplace.
Do not carry product-soaked cleaning cloths in your trouser pockets.

Notes on fire and explosion protection:
Vapors can form an explosive mixture with air.
Keep away from heat, sparks and naked flames.
Take measures against electrostatic charging.
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.
Store work clothes separately.

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.

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:
Store in a cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight. Store container 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)

There is no information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Group limit value C9-C14 aliphatics: 300 mg/m³

8.2. Exposure controls

Personal Protective Equipment Symbols



Eye / face protection

Tightly sealed safety goggles

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:
Nitrile rubber
Chloroprene rubber
Fluororubber (Viton)
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.
Gloves made of PVA.
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

Use respiratory protection if ventilation is insufficient or the limit values are exceeded.
Wear self-contained breathing apparatus if large quantities are released.
Filter A/P2

Other

General protective and hygiene measures:
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
Colourless.

Odour
light

Odour threshold
Not determined.

Melting point / freezing point
Not determined.

Boiling point or initial boiling point and boiling range
Not determined.

Flammability
Not applicable.

Lower and upper explosion limit
Not determined.

Flash point
> 63 °C

Auto-ignition temperature
The product is not self-igniting.

Decomposition temperature
Not determined.

pH
Not determined.

Kinematic viscosity
1,4077 mm²/s
Method
@40 °C

Viscosity, dynamic
Not determined.

Solubility
No data available

Water solubility
insoluble

Partition coefficient n-octanol/water
Not determined.

Vapour pressure
Not determined.

Density and/or relative density
0,7785 g/cm³
Method
@20 °C

Relative density
Not determined.

Relative vapour density
Not determined.

Evaporation Rate
Not determined.

Explosive properties
The product is not explosive, but the formation of explosive dust/air mixtures is possible.

Oxidising properties
Not applicable.

Particle characteristics
No data available

9.2. Other information
The product is not self-igniting.

SECTION 10: Stability and reactivity

10.1. Reactivity
No further relevant information available.

10.2. Chemical stability
No decomposition when used as intended.

10.3. Possibility of hazardous reactions
Formation of flammable or explosive vapor-air mixtures possible.

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

10.5. Incompatible materials
Avoid contact with strong oxidizing agents.

10.6. Hazardous decomposition products
No decomposition if stored and handled as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Based on available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics / 918-481-9	LD50	>5000 mg/kg	Oral	Rat	OECD 401
cerium(3+)neo-decanoat 68084-49-1 /	LD50	>2000 mg/kg	Oral	Rat	OECD 401

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
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.

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 algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
cerium(3+)neodecanoat 68084-49-1 /	EC50	0,63 - 1,1 mg/l	72 hours	Raphidocelis subcapit-ata

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
cerium(3+)neodecanoat 68084-49-1 /	EC50	6,9 - 16 mg/l	48 hours	Daphnia magna

12.2. Persistence and degradability
Persistence and degradability
No further relevant information available.
Leaked product can lead to the formation of a film on the water surface, which reduces oxygen exchange and results in the death of organisms.

12.3. Bioaccumulative potential
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

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

Other adverse effects

No further relevant information available.

Other

Do not allow undiluted product or large quantities of it to enter groundwater, watercourses or drains.
into the sewage system.

German Water Class

WGK1 - slightly 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
07 01 04*	other organic solvents, washing liquids and mother liquors

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

Other

HP5 - Target Organ Toxicity (STOT)/Aspiration hazard

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.

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): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH): 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 / Share: 50 - 100 %

Water hazard classification : 1 - slightly water endangering

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

Changes to previous revision
Rev. 1.0
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15 (2024-08-21)

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
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.
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.