



TECPO

Kühlerreiniger Kühlwasser Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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

1.1. Product identifier

Trade name

TECPO Kühlerreiniger Kühlwasser Zusatz_EN

Article No.

300844

UFI code

KT5V-7UUG-X00N-MKDR

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

Relevant identified uses

System cleaner for 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

1.4. Emergency telephone number

Poison center/Additional emergency number

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



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Serious eye damage, hazard category 1

Hazard statements

H318

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

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face 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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

More information

Hazard-determining components of labeling:

Isotridecanol, ethoxylated (7-14 EO)

Additional information:

Contains a mixture of: 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on .

May produce an allergic reaction.

Ingredients according to detergent regulation EC 648/2004:

non-ionic surfactants : ≥ 5 - < 15 %

anionic surfactants : < 5 %

preservation agents (METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE)

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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
Isotridecanol, ethoxylated (7-14 EO)	9043-30-5 - - -	≥3 - ≤10%	Acute Tox. 4 - oral, Eye Dam. 1	H302, H318 - -	-
C14-17-sec-alkanesulfonic acids, sodium salts	97489-15-1 307-055-2 01-2119489924-20 -	≥2,5 - <10%	Acute Tox. 4 - oral, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H302, H315, H318, H412 - -	Skin Irrit. 2; H315: C ≥ 10 % Eye Dam. 1; H318: C ≥ 15 % Eye Irrit. 2; H319: 10 % ≤ C < 15 %
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one	55965-84-9 - 01-2120764691-48 613-167-00-5	≥0,00025 - <0,0015%	Acute Tox. 3 - oral, Acute Tox. 2 - dermal, Skin Corr. 1B, Skin Sens. 1, Acute Tox. 2 - inhalation, Aquatic Acute 1, Aquatic Chronic 1	H301, H310, H314, H317, H330, H400, H410, EUH071 M-acut=100 M-chro=100	Skin Corr. 1B; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1; H317: C ≥ 0,0015 %;

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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 or allergies occur, please consult a doctor.

Eye contact

Rinse opened eye for several minutes under running water.
Remove existing contact lenses if possible. Continue rinsing. Consult a doctor immediately. Protect the uninjured eye.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Turn a vomiting person lying on their back onto their side. Consult a doctor immediately.

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

No further relevant information available.

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

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

Unsuitable extinguishing media

Full water jet.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

5.2. Special hazards arising from the substance or mixture

Product is not flammable, but combustible.
Can be released in the event of a fire:
Carbon monoxide and carbon dioxide
Hydrocarbons.
Sulphur oxides (SOx)

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

Ensure adequate ventilation.
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



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid contact with the eyes.
Avoid prolonged or repeated contact with the skin.
Ensure good ventilation/extraction at the workplace.
Do not carry product-soaked cleaning cloths in your trouser pockets.

Notes on fire and explosion protection:
Keep away from heat, sparks and naked flames.

General hygiene

Do not eat, drink, smoke or take snuff at work. Wash hands before breaks and at the end of work.

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

National occupational exposure limits



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m³	Ceiling expos- ure limit ppm / mg/m³	Source	Remark	Year
Mixture of: 5-chloro-2-methyl-2H- isothiazol-3- on and 2-methyl-2H- isothiazol-3-one	55965-84-9 -	- -	- 0,2	MAK	vgl. Xc	-

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	DNEL	Chronic (long term) Oral	25 mg/kg bw/day	Consumers	Systemic
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	DNEL	Chronic (long term) Dermal	2080 mg/kg bw/day	Workers	Systemic
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	DNEL	Chronic (long term) Dermal	1250 mg/kg bw/day	Consumers	Systemic
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	DNEL	Chronic (long term) Inhalation	294 mg/m³	Workers	Systemic
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	DNEL	Chronic (long term) Inhalation	87 mg/m³	Consumers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Oral	7,1 mg/kg bw/day	Consumers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	5 mg/kg bw/day	Workers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	3,57 mg/kg bw/day	Consumers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Acute (short term) Dermal	2,8 mg/kg bw/day	Workers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	2,8 mg/kg bw/day	Workers	Local
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Acute (short term) Dermal	2,8 mg/kg bw/day	Consumers	Local



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	2,8 mg/kg bw/day	Consumers	Local
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Inhalation	35 mg/m³	Workers	Systemic
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Inhalation	12,4 mg/m³	Consumers	Systemic
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Acute (short term) Oral	0,11 mg/kg bw/day	Consumers	Systemic
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Chronic (long term) Oral	0,09 mg/kg bw/day	Consumers	Systemic
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Acute (short term) Inhalation	0,04 mg/m³	Workers	Local
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Chronic (long term) Inhalation	0,02 mg/m³	Workers	Local
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Acute (short term) Inhalation	0,04 mg/m³	Consumers	Local
Mixture of: 5-chloro-2-methyl-2H-iso-thiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	DNEL	Chronic (long term) Inhalation	0,02 mg/m³	Consumers	Local

PNEC/PEC



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Freshwater	0,074 mg/l
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Marine water	0,0074 mg/l
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Sewage Treatment Plant	1,4 mg/l
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Soil	0,1 mg/kg soil dry weight
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Sediment (freshwater)	0,604 mg/kg sedi- ment dw
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Sediment (marine water)	0,0604 mg/kg sedi- ment dw
Isotridecanol, ethoxylated (7-14 EO) (9043-30-5/-)	PNEC	Sporadic release	0,015 mg/l
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Freshwater	0,06 mg/l
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Marine water	0,006 mg/l
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Sewage Treatment Plant	600 mg/l
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Soil	9,4 mg/kg soil dry weight
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Sediment (freshwater)	9,4 mg/kg sediment dw
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Sediment (marine water)	0,94 mg/kg sediment dw
C14-17-sec-alkanesulfonic acids, sodium salts (97489-15-1/307-055-2)	PNEC	Oral (Secondary Poisoning)	53,3 mg/kg food
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2- methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Freshwater	0,00339 mg/l
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-	PNEC	Marine water	0,00339



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
methyl-2H-isothiazol-3-one (55965-84-9/-)			mg/l
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Sewage Treatment Plant	0,23 mg/l
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Soil	0,01 mg/kg soil dry weight
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Sediment (freshwater)	0,027 mg/kg sedi- ment dw
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Sediment (marine water)	0,027 mg/kg sedi- ment dw
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3- on and 2-methyl-2H-isothiazol-3-one (55965-84-9/-)	PNEC	Sporadic release	0,00339 mg/l

8.2. Exposure controls

Personal Protective Equipment Symbols



Eye / face protection

Tightly sealed safety goggles



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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. Selection of the glove material taking into account the breakthrough times, permeation rates and degradation.

Glove material:
Nitrile rubber
Gloves made of rubber

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.

Penetration time of the glove material:

With a layer thickness of 0.4 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.

Respiratory protection

Not required if used as intended.

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

White.

Odour

Characteristic.

Odour threshold

Not determined.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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

> 100 °C

Auto-ignition temperature

The product is not self-igniting.

Decomposition temperature

Not determined.

pH

Not determined.

Kinematic viscosity

> 7 mm²/s

Method

@40 °C

Viscosity, dynamic

Not determined.

Solubility

No data available

Water solubility

soluble

Partition coefficient n-octanol/water

Not determined.

Vapour pressure

Not determined.



TECPO

Kühlerreiniger Kühlwasser Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Density and/or relative density

1,015 g/cm³

Method

@20 °C

Relative density

Not determined.

Relative vapour density

Not determined.

Evaporation Rate

Not determined.

Explosive properties

The product is not potentially explosive.

Oxidising properties

Not applicable.

Particle characteristics

There is no information 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

No dangerous reactions known.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Avoid contact with strong oxidizing agents.



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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 / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline
Isotridecanol, eth- oxylated (7-14 EO) 9043-30-5 /	LD50	>2000 mg/kg	Oral	Rat	OECD 423
Isotridecanol, eth- oxylated (7-14 EO) 9043-30-5 /	LD50	5960 mg/kg	Dermal	Rabbit	-
C14-17-sec- alkanesulfonic acids, sodium salts 97489-15-1 / 307- 055-2	LD50	500 - 2000 mg/kg	Oral	Rat	-
C14-17-sec- alkanesulfonic acids, sodium salts 97489-15-1 / 307- 055-2	LD50	>2000 mg/kg	Dermal	Mouse	-
Mixture of: 5-chloro- 2-methyl-2H-iso- thiazol-3- on and 2- methyl-2H-iso- thiazol-3-one 55965-84-9 /	LD50	457 mg/kg	Oral	Rat	OECD 401
Mixture of: 5-chloro- 2-methyl-2H-iso- thiazol-3- on and 2- methyl-2H-iso- thiazol-3-one 55965-84-9 /	LD50	>1008 mg/kg	Dermal	Rat	OECD 402



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

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

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

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 / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
Isotridecanol, eth- oxylated (7-14 EO)	LC50	2,5 mg/l	96 hours	Brachydanio rerio (Zebra Fish)	EU C.1



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of expos- ure	Species	Method / Guideline
9043-30-5 /					
C14-17-sec- alkanesulfonic acids, sodium salts 97489-15-1 / 307- 055-2	LC50	8,4 mg/l	96 hours	Leuciscus idus (Golden orfe)	-
Mixture of: 5-chloro- 2-methyl-2H-iso- thiazol-3- on and 2- methyl-2H-iso- thiazol-3-one 55965-84-9 /	LC50	1,57 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)	OECD 203

Acute algae toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
C14-17-sec- alkanesulfonic acids, sodium salts 97489-15-1 / 307-055-2	EC50	119,4 mg/l	72 hours	Desmodesmus subspicatus	-	statically
Mixture of: 5- chloro-2-methyl- 2H-isothiazol-3- on and 2-methyl- 2H-isothiazol-3- one 55965-84-9 /	EC50	0,35 mg/l	96 hours	Raphidocelis subcapitata	PECD 201	-

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Isotridecanol,	EC50	1,5 mg/l	48 hours	Daphnia magna	EU C.2	statically



TECPO
Kühlerreiniger
Kühlwasser
Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
ethoxylated (7- 14 EO) 9043-30-5 /						
C14-17-sec- alkanesulfonic acids, sodium salts 97489-15-1 / 307-055-2	EC50	9,81 mg/l	48 hours	Daphnia magna	-	statically
Mixture of: 5- chloro-2-methyl- 2H-isothiazol-3- on and 2-methyl- 2H-isothiazol-3- one 55965-84-9 /	EC50	0,71 mg/l	48 hours	Daphnia magna	OECD 202	-

12.2. Persistence and degradability

Persistence and degradability

No further relevant information available.

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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 06 01*	aqueous washing liquids and mother liquors

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

Other

HP4 - irritant - skin irritation and eye damage

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0
Issued: 2024-09-16

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: ≤ 0.25 %

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.



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0

Issued: 2024-09-16

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)



TECPO

Kühlerreiniger

Kühlwasser

Zusatz_EN

Version number: 1.0

Issued: 2024-09-16

Phrase meaning

Eye Dam. 1 - Serious eye damage, hazard category 1
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Skin Irrit. 2 - Skin irritation, hazard category 2
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Acute Tox. 3 - oral - Acute toxicity, oral, hazard category 3
Acute Tox. 2 - dermal - Acute toxicity, dermal, hazard category 2
Skin Corr. 1B - Skin corrosion, hazard category 1B
Skin Sens. 1 - Skin sensitisation, hazard category 1
Acute Tox. 2 - inhalation - Acute toxicity, inhalation, hazard category 2
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

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.