



TECPO

Felgenreiniger fertiggemischt HQ+_EN

Version number: 1.0
Issued: 2026-06-11

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

1.1. Product identifier

Trade name

TECPO Felgenreiniger fertiggemischt HQ+_EN

Article No.

300411

UFI code

5NYT-2UYM-A00C-6S2T

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

Relevant identified uses

Cleaning agent

Not suitable for use in

No further relevant information available.

1.3. Details of the supplier of the safety data sheet

SDS created by

Gefahrgutberatung Florian Herber, Erbigsweg 12, 36137 Großenlüder

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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.)

Other

Observe the information on the label and the instructions for use.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin irritation, hazard category 2

Eye irritation, hazard category 2

Hazard statements

H315, H319



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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

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to dispose of in accordance with local / regional / national / international regulations..

More information

Ingredients according to detergent regulation EC 648/2004:

< 5 % non-ionic surfactants , perfumes

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.

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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	Specific concentra- tion limits ATE	Note
ammonium bifluoride; ammonium hydrogen difluoride	1341-49-7 215-676-4 01-2119489180- 38 009-009-00-4	0,1 - <1%	Acute Tox. 3 - oral, Skin Corr. 1B, Eye Dam. 1	H301, H314, H318 - -	Skin Corr. 1B, H314: C ≥ 1% Skin Irrit. 2, H315: 0,1% ≤ C < 1% Eye Irrit. 2, H319: 0,1% ≤ C < 1%	oral: LD50 = 130 mg/kg
Hydrochloric acid; hydrogen chloride ... %	- 231-595-7 - 017-002-01-X	0,1 - <1%	Met. Corr. 1, Skin Corr. 1, Skin Corr. 1B, STOT SE 3 - resp. tract irrit., Aquatic Acute 1	H290, H314, H335, H400 M-acut=1 -	STOT SE 3, H335: C ≥ 10% Skin Corr. 1B, H314: C ≥ 25% Skin Irrit. 2, H315: 10% ≤ C < 25% Eye Irrit. 2, H319: 10% ≤ C < 25%	dermal: LD50 = >5010 mg/kg

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. Never give anything by mouth to an unconscious person or if convulsions occur.

Inhalation

Provide fresh air. Remove the affected person from the danger zone and lay them down. If unconscious, place in recovery position and seek medical assistance immediately.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.



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Eye contact

In case of eye contact, rinse the eyes with water for a sufficiently long time with the eyelids open, then immediately Consult an ophthalmologist immediately. Remove contact lenses, if present and easy to do. Continue rinsing. See an ophthalmologist.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Consult a doctor if symptoms persist.

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

If applicable, delayed symptoms and effects can be found in section 11. or in the intake routes under section 4.1. In certain cases, symptoms of intoxication may only appear after a longer period of time/after several hours.

Tears from the eyes .
Drying out of the skin .
Headache.
Fatigue .
Sickness .
Vomiting .
Dizziness. .

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.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

In the event of fire, the following may occur:

Toxic gases
Carbon oxides
Sulphur oxides



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5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus. Wear a chemical protection suit.
Wear a full protective suit. Do not inhale explosion and fire gases.

Other

Knock down gases/vapors/mist with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Do not inhale gas/fume/vapor/aerosol. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep unprotected persons away. Keep away from sources of ignition. Note the risk of slipping.

6.2. Environmental precautions

Contain in case of leakage of larger quantities. Stop leak if safe to do so. Do not allow to enter drains/surface water/ground water. In case of gas leakage or ingress into water, soil or sewage system, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder). Dispose of the collected material in accordance with the regulations (Section 13).

6.4. Reference to other sections

See SECTIONS 7+8+13



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Instructions for safe handling:

Ensure adequate ventilation. Do not inhale gas/fume/vapor/aerosol. Avoid contact with skin, eyes and clothing. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Do not eat, drink, smoke or take snuff at the workplace. Observe the information on the label and the instructions for use. Apply work procedures in accordance with the operating instructions.

Notes on fire and explosion protection:

No special measures required.

General hygiene

Remove soiled, soaked clothing immediately. Draw up and follow a skin protection plan! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat, drink, smoke or sniff at the workplace. Wash hands before breaks and at the end of work. The general hygiene measures for handling chemicals must be applied. Keep away from food, drink and animal feeding stuffs.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers:

Keep containers tightly closed. Store container in a cool, well-ventilated place. Keep out of reach of unauthorized persons.

Do not store the product in passageways and stairways. Protect from sunlight and heat.

Storage instructions:

Do not store together with oxidizing or self-igniting substances.

Storage class according to TRGS 510: 8B - Non-flammable corrosive substances

7.3. Specific end use(s)

Cleaning agent

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
Hydrogenchlorid / Hydrochloric acid	7646-01-0 -	2 / 3	TRGS 900	2(l); Y	-

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
ammonium bifluoride; ammonium hydrogen difluoride (1341-49-7/215-676-4)	DNEL	Chronic (long term) Inhalation	2,3 mg/m ³	Workers	Systemic
ammonium bifluoride; ammonium hydrogen difluoride (1341-49-7/215-676-4)	DNEL	Acute (short term) Inhalation	3,8 mg/m ³	Workers	Systemic
ammonium bifluoride; ammonium hydrogen difluoride (1341-49-7/215-676-4)	DNEL	Chronic (long term) Inhalation	0,045 mg/m ³	Consumers	Systemic
ammonium bifluoride; ammonium hydrogen difluoride (1341-49-7/215-676-4)	DNEL	Chronic (long term) Oral	0,015 mg/kg bw/day	Consumers	Systemic
Hydrochloric acid; hydrogen chloride ... % (-/231-595-7)	DNEL	Chronic (long term) Inhalation	8 mg/m ³	Workers	Local
Hydrochloric acid; hydrogen chloride ... % (-/231-595-7)	DNEL	Acute (short term) Inhalation	15 mg/m ³	Workers	Local

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Personal Protective Equipment Symbols





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Eye / face protection

Wear eye protection/face protection. Suitable eye protection: Basket goggles. DIN EN 166

Hand protection

When handling chemical substances, only chemical protective gloves with a CE mark including a four-digit test number may be worn. The design of chemical protective gloves must be depending on the concentration and quantity of hazardous substances. It is recommended recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.

Other skin protection

Wear protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Do not allow uncontrolled release of the product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Red.

Odour

Almond.

Melting point / freezing point

Not determined.

Boiling point or initial boiling point and boiling range

100 °C

Flammability

Not determined.

Lower and upper explosion limit

Not determined.



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Flash point

Not determined.

Auto-ignition temperature

Not determined.

Decomposition temperature

Not determined.

pH

1

Kinematic viscosity

Not determined.

Solubility

Not determined.

Water solubility

insoluble

Partition coefficient n-octanol/water

Not determined.

Vapour pressure

Not determined.

Density and/or relative density

1,05 g/cm³

Relative vapour density

Not determined.

Evaporation Rate

Not determined.

Explosive properties

The product is not potentially explosive.

Oxidising properties

Not oxidizing.

Particle characteristics

Not applicable.

9.2. Other information

No data available



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SECTION 10: Stability and reactivity

10.1. Reactivity

The product has not been tested.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

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

ATEmix calculated

ATE (oral) 52,000 mg/kg; ATE (dermal) > 2,000 mg/kg; ATE (inhalation, vapor) > 20 mg/L; ATE (inhalation, dust/mist) > 5 mg/L

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
ammonium bifluoride; ammonium hydrogen difluoride 1341-49-7 / 215-676-4	LD50	130 mg/kg	Oral	Rat
Hydrochloric acid;	LD50	> 5010 mg/kg	Dermal	Rabbit



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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals
hydrogen chloride ... % / 231-595-7				

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

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

This product does not contain any substance that exhibits endocrine disrupting properties towards humans, as no ingredient meets the criteria.

Other information

The mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [CLP].

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SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

The product is not ecotoxic.

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ammonium bifluoride; ammonium hydrogen difluoride 1341-49-7 / 215-676-4	LC50	237 mg/l	96 hours	Brachydanio rerio (Zebra Fish)
Hydrochloric acid; hydrogen chloride ... % / 231-595-7	LC50	24,6 mg/l	96 hours	Lepomis macrochirus (Bluegill)

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Hydrochloric acid; hydrogen chloride ... % / 231-595-7	ErC50	0,78 mg/l	72 hours	Pseudokirchneriella sub- capitata

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Hydrochloric acid; hydrogen chloride ... % / 231-595-7	EC50	0,492 mg/l	48 hours	Daphnia magna

12.2. Persistence and degradability

The product has not been tested.



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12.3. Bioaccumulative potential

The product has not been tested.

Product / Substance name CAS / EC no.	LogKow / LogPow
ammonium bifluoride; ammonium hydrogen difluoride 1341-49-7 / 215-676-4	-4,37

12.4. Mobility in soil

Mobility

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not fulfill the PBT/vPvB criteria according to REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms, as no ingredient fulfills the criteria.

12.7. Other adverse effects

No further relevant information available.

Other

Avoid release to the environment.

German Water Class

NWG - not water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Do not allow to enter drains or waterways. Disposal in accordance with official regulations.

Packaging

Contaminated packaging must be disposed of in the same way as the substance. Non-contaminated and completely emptied packaging can be recycled. Contact the responsible authorized waste disposal company for waste disposal.



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Waste code	Waste description
20 01 29*	detergents containing hazardous substances

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

SECTION 14: Transport information

14.1. UN number

1760

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

CORROSIVE LIQUID, N.O.S. (Hydrochloric acid)

IMDG proper shipping name

CORROSIVE LIQUID, N.O.S. (Hydrochloric acid)

14.3. Transport hazard class(es)

Label

ADR/RID/ADN



8

IMDG



8

ADR / RID Class

8

Tunnel restriction code: E

Transportation category: 2

ADR / RID Classification code

C9



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ADR / RID hazard identification number

80

IMDG Class

8

14.4. Packing group

ADR / RID / ADN: II

IMDG: II

14.5. Environmental hazards

No.

IMDG Marine Pollutant

No.

14.6. Special precautions for user

Warning : Highly Corrosive.

IMDG EmS

F-A, S-B

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other

Additional information ADR-RID

Limited quantity: 1 L

Exempted quantity E2

Additional information IMDG

Limited quantity: 1 L

Exempted quantity E2



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SECTION 15: Regulatory information

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

EU regulations

Annex XVII (REACH): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH): 3 , 75

Directive 2010/75/EU on industrial emissions: 0,504 % (7,556 g/l)

Directive 2004/42/EC on VOC paints and varnishes: 0,504 % (7,556 g/l)

Information on the SEVESO III Directive 2012/18/EU: Not subject to the SEVESO III Directive

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

< 5 % anionic surfactants , perfumes

National regulations

Employment restrictions: Observe employment restrictions for young people (§ 22 JArbSchG)

Water Hazard Class (WGK): Not hazardous to water

Status Classification of mixtures according to Annex 1, No. 5 AwSV

Storage class: 8B - Non-flammable corrosive substances

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.



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SECTION 16: Other information

Phrase meaning

Skin Irrit. 2 - Skin irritation, hazard category 2

Eye Irrit. 2 - Eye irritation, hazard category 2

Acute Tox. 3 - oral - Acute toxicity, oral, hazard category 3

Skin Corr. 1B - Skin corrosion, hazard category 1B

Eye Dam. 1 - Serious eye damage, hazard category 1

Met. Corr. 1 - Corrosive to metals, hazard category 1

Skin Corr. 1 - Skin corrosion, hazard category 1

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

H290 May be corrosive to metals.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

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.