Trade name: Felgenreiniger A

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

1.1 Product identifier

Trade name

Felgenreiniger A

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

Relevant identified uses of the substance or mixture

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Koch-Chemie GmbH Einsteinstr. 42 D-59423 Unna

Telephone no. +49-2303-9 86 70-0 Fax no. +49-2303-9 86 70-26

1.4 Emergency telephone number

No data available.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318 Met. Corr. 1; H290 Skin Corr. 1; H314

Classification information

Product is classified as "Corrosive" based on the extreme pH-value, see:

- Regulation 1272/2008 (CLP), Annex. I, number 3.2.2.2 / 3.2.3.1.2

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



Signal word

Danger

Hazardous component(s) to be indicated on label:

phosphoric acid

Hazard statement(s)

H290 May be corrosive to metals.

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H314 Causes severe skin burns and eye damage.

Precautionary statement(s)

P260 Do not breathe vapours/spray.

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

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P310 Immediately call a POISON CENTER/doctor. P390 Absorb spillage to prevent material damage.

2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

Tidati dodo higi odionto						
No	Substance name		Addi	tional informati	ion	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Cond	entration		%
	REACH no					
1	phosphoric acid					
	7664-38-2	Met. Corr. 1; H290	>=	10,00 - <	25,00	%-b.w.
	231-633-2	Skin Corr. 1B; H314				
	015-011-00-6	Acute Tox. 4; H302				
	01-2119485924-24	Eye Dam. 1; H318				
2	sodium p-cumenes	sulphonate				
	15763-76-5	Eye Irrit. 2; H319	<	5,00		%-b.w.
	239-854-6					
	-					
	01-2119489411-37					

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	В	Skin Irrit. 2; H315: C >= 10%	-	-
		Eye Irrit. 2; H319: C >= 10%		
		Skin Corr. 1B; H314: C >= 25%		

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation. In case of persisting adverse effects consult a physician.

After skin contact

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); Phosphorus oxides; Sulphur oxides (SxOy); Corrosive gases/vapours

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dilute with plenty of water.

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.		
1	phosphoric acid	7664-38-2	231-633-2		
	Occupational Exposure Limit Values (Schedule V, Oc	cupational H	ealth and Safety Authority Act)		
	Orthophosphoricacid				
	WEL short-term (15 min reference period)	2	mg/m³		
	WEL long-term (8-hr TWA reference period)	1	mg/m³		
	Occupational Exposure Limit Values (Schedule V, Occupational Health and Safety Authority Act)				
	Orthophosphoric acid				
	WEL short-term (15 min reference period)	2	mg/m³		
	WEL long-term (8-hr TWA reference period)	1	mg/m³		
	2000/39/EC				
	Orthophosphoric acid				
	WEL short-term (15 min reference period)	2	mg/m³		
	WEL long-term (8-hr TWA reference period)	1	mg/m³		

DNEL, DMEL and PNEC values

DNEL values (worker)

	DIVLE Values (WOIKEI)							
No	Substance name			CAS / EC	no			
	Route of exposure		Value					
1	phosphoric acid		7664-38-	2				
				231-633-	2			
	inhalative	Long term (chronic)	local	1	mg/m³			
	inhalative	Short term (acut)	local	2	mg/m³			
	inhalative	Long term (chronic)	systemic	10,7	mg/m³			
2	sodium p-cumenesulph	onate		15763-76	6-5			
				239-854-	6			
	dermal	Long term (chronic)	systemic	7,6	mg/kg/day			
	inhalative	Long term (chronic)	systemic	53,6	mg/m³			

DNEL value (consumer)

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No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	phosphoric acid		7664-38-		
	anal	Langtone (abrania)	a	231-633-	
	oral	Long term (chronic)	systemic	0,1	mg/kg/day
	inhalative	Long term (chronic)	local	0,36	mg/m³
	inhalative	Long term (chronic)	systemic	4,57	mg/m³
2	sodium p-cumenesulp	honate		15763-76	6-5
				239-854-	6
	oral	Long term (chronic)	systemic	3,8	mg/kg/day
	dermal	Long term (chronic)	systemic	3,8	mg/kg/day
	inhalative	Long term (chronic)	systemic	13,2	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	sodium p-cumenesulphonate		15763-76-5	
			239-854-6	
	water	fresh water	0,23	mg/L
	water	Aqua intermittent	2,3	mg/L
	sewage treatment plant	-	100	mg/L

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Respirator with particulate filter

Respirator P2

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Material thickness > 0,5 mm
Breakthrough time > 480 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour	
liquid	
red	

EU safety data sheet

KochChemie° ExcellenceForExperts.

Trade name: Felgenreiniger A

Product no.: 300999

No data available

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Odour		
characteristic		
Odour threshold		
No data available		
pH value		
Value	< 1	
Boiling point / boiling range		
No data available		
Melting point / melting range		
No data available		
Decomposition point / decomposit	on range	
No data available		
Elech neint		
Flash point No data available		
No data avallable		
Auto-ignition temperature		
No data available		
Oxidising properties		
not oxidizing		
-		
Explosive properties		
Product does not present an explosio	n hazard.	
Flammability (solid, gas)		
No data available		
Lower flammability or explosive line. No data available	nits	
No data avallable		
Upper flammability or explosive lin	its	
No data available		
Vapour pressure		
No data available		
Vapour density		
No data available		
Evaporation rate		
No data available		
Polotivo donoity		
Relative density No data available		
Density		
Value		,12 g/cm³
Reference temperature	2	O °C
Solubility in water		
Comments	miscible	
	1	
Solubility(ies)		
No data available		
Partition coefficient: n-octanol/wat	er	
No data available		
Viscosity No data available		
NO OSIS SVSIISNIA		

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9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Formation of hydrogen gas possible on contact with certain metals (f.e. aluminium)

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

strong bases; strong oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity (result of the ATE calculation for the mixture)				
No	Product Name				
1	Felgenreiniger A				
Com	1 1	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).			

Acute oral toxicity	•					
No Substance nam	9		CAS no.		EC no.	
1 phosphoric acid	l		7664-38-2		231-633-2	
LD50		300	-	2000	mg/kg bodyweight	
Species		rat				
Method		OECD 423				
Source		ECHA				
2 sodium p-cume	nesulphonate		15763-76-5		239-854-6	
LD50		>		7000	mg/kg bodyweight	
Species		rat				
with reference to		CAS 28348-5	53-0			
Method		OECD 401				
Source		ECHA				

Acu	Acute dermal toxicity						
No	Substance name	CAS no	o.	EC no.			
1	sodium p-cumenesulphonate	15763-	76-5	239-854-6			
LD5	0	>	2000	mg/kg bodyweight			
Species		rabbit					
with reference to		CAS 28348-53-0					
Method		OECD 402					
Source		ECHA					

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Acu	Acute inhalational toxicity					
No	Substance name	CAS no.		EC no.		
1	sodium p-cumenesulphonate	15763-76-5		239-854-6		
LC5	0	>	6,41	mg/l		
Dura	ation of exposure		4	h		
State of aggregation		Dust/mist				
Species		rat				
with reference to		CAS 28348-53-0				
Sou	rce	ECHA				

Skin corrosion/irritation

No data available

Ser	Serious eye damage/irritation					
No	Substance name		CAS no.	EC no.		
1	phosphoric acid		7664-38-2	231-633-2		
Spe	cies	rabbit				
Sou	rce	ECHA				
Eva	luation	strongly corr	rosive			
2	sodium p-cumenesulphonate		15763-76-5	239-854-6		
Spe	cies	rabbit				
Met	hod	OECD 405				
Sou	rce	ECHA				
Eva	luation	irritant				

Res	Respiratory or skin sensitisation				
No	Substance name	CAS no.	EC no.		
1	sodium p-cumenesulphonate	15763-76-5	239-854-6		
Rou	te of exposure	Skin			
Spe	cies	guinea pig			
with	reference to	CAS 28348-53-0			
Met	hod	OECD 406			
Sou	rce	ECHA			
Eva	luation	non-sensitizing			

Ger	m cell mutagenicity		
No	Substance name	CAS no.	EC no.
1	phosphoric acid	7664-38-2	231-633-2
Soul	rce	ECHA	
Eval	uation/classification	Based on available data, the classificatio	n criteria are not met.
2	sodium p-cumenesulphonate	15763-76-5	239-854-6
Туре	e of examination	Chromosome aberration test	
with	reference to	CAS 28348-53-0	
Meth	nod	OECD 474	
Soul	rce	ECHA	
Eval	uation/classification	Based on available data, the classificatio	n criteria are not met.

Don	Depreduction toxicity				
Keh	Reproduction toxicity				
No	Substance name	CAS no.	EC no.		
1	phosphoric acid	7664-38-2	231-633-2		
Sou	rce	ECHA			
Evaluation/classification		Based on available data, the classif	ication criteria are not met.		

Carcinogenicity	
No data available	

STOT - single exposure	
No data available	

STOT - repeated exposure	
No data available	

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Aspiration hazard

No data available

SECTION 12: Ecological information

12.1 Toxicity

ı	Toxicity to fish (acute)
	No data available

Toxicity to fish (chronic)

No data available

Toxi	Toxicity to Daphnia (acute)				
No	Substance name	CA	S no.	EC no.	
1	phosphoric acid	766	64-38-2	231-633-2	
EC5	0	>	100	mg/l	
Dura	ation of exposure		48	h	
Spe	cies	Daphnia magna			
Meth	nod	OECD 202			
Soul	rce	ECHA			

Toxicity to Daphnia (chronic)

No data available

Toxi	Toxicity to algae (acute)				
No	Substance name	CA	S no.	EC no.	
1	phosphoric acid	766	64-38-2	231-633-2	
EC5	0	>	100	mg/l	
Dura	ation of exposure		72	h	
Spe	cies	Desmodesmus su	ubspicatus		
Meth	nod	OECD 201			
Soul	rce	ECHA			

Toxicity to algae (chronic)

No data available

Bac	Bacteria toxicity				
No	Substance name	CAS no.		EC no.	
1	phosphoric acid	7664-38-2		231-633-2	
EC5	0	>	1000	mg/l	
Dura	ation of exposure		3	h	
Spe	cies	activated sludge			
Meth	nod	OECD 209			
Soul	rce	ECHA			

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

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vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class 8
Classification code C1
Packing group III
Hazard identification no. 80
UN number UN1805

Proper shipping name PHOSPHORIC ACID, SOLUTION

Tunnel restriction code E Label 8

14.2 Transport IMDG

Class 8
Packing group III
UN number UN1805

Proper shipping name PHOSPHORIC ACID SOLUTION

EmS F-A, S-B Label 8

Label

14.3 Transport ICAO-TI / IATA

Class 8
Packing group III
UN number UN1805

Proper shipping name Phosphoric acid, solution

Label 8

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

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14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe No 3 XVII.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

В

Adhere to the national sanitary and occupational safety regulations when using this product.

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

The surfactants contained in this product comply with the DetVO 648/2004/EC

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the

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supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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