

INTERAQUA

Print date 09.09.2024
Revision date 09.09.2024
Version 1.6 (en)
replaces version of 13.06.2018 (1.5)

*** SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name/designation INTERAQUA

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

Disinfectant

1.3 Details of the supplier of the safety data sheet**Supplier**

InterHygiene GmbH
Neufelder Str. 30
D-27472 Cuxhaven
Telephone 04721/73400
E-mail info@interhygiene.de
Website www.interhygiene.de

*** 1.4 Emergency telephone number**

Giftnotruf München im Klinikum r.d. Isar 089/1924-0
Österreich: Vergiftungsinformationszentrale Wien +43 1 406 43 43

*** SECTION 2: Hazards identification***** 2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
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Skin Corr. 1B, H314	Calculation method.
STOT SE 3, H335	Calculation method.

Hazard statements for health hazards

H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

*** 2.2 Label elements***** Labelling according to Regulation (EC) No 1272/2008 [CLP]****Hazard pictograms**

GHS05



GHS07

Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

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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.
 P233 Keep container tightly closed.
 P235 Keep cool.
 P260 Do not breathe aerosol.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing and 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.
 P405 Store locked up.

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients
3.1 Substances

not applicable

3.2 Mixtures
Hazardous ingredients

CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
79-09-4	201-176-3	607-089-00-0	propionic acid	50 weight-%	Skin Corr. 1B; H314	Skin Corr. 1B; H314: C>=25% Skin Irrit. 2; H315: 10%<=C<25% Eye Irrit. 2; H319: 10%<=C<25% STOT SE 3; H335: C>=10%
79-33-4	201-196-2		L-(+)-lactic acid	39 weight-%	Skin Irrit. 2; H315 Eye Dam. 1; H318	
64-18-6	200-579-1	607-001-00-0	formic acid 85%	1 weight-%	Skin Corr. 1A; H314	Skin Corr. 1A; H314: C>=90% Skin Corr. 1B; H314: 10%<=C<90% Skin Irrit. 2; H315: 2%<=C<10% Eye Irrit. 2; H319: 2%<=C<10%

SECTION 4: First aid measures
4.1 Description of first aid measures
General information

Remove contaminated, saturated clothing immediately.
 Put victim at rest, cover with a blanket and keep warm.
 Remove affected person from the danger area and lay down.

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Following inhalation

In case of difficulty in breathing: supply oxygen, seek medical advice.
Provide fresh air.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.
Call a physician immediately.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

Give activated charcoal.
Do NOT induce vomiting.
Call a physician immediately.
If swallowed, immediately drink:
Water

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**

Foam
Extinguishing powder
Carbon dioxide (CO₂)
Water spray jet

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters**Special protective equipment for firefighters**

In case of fire: Wear self-contained breathing apparatus.
Wear full chemical protective clothing.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Provide adequate ventilation.
Use personal protection equipment.
Avoid contact with product.

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6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up**For containment**

Suitable material for taking up:

Sawdust

Dispose of cleaning material according to section "Disposal considerations".

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Protective measures**

Avoid contact with skin and eyes.

Use only in well-ventilated areas.

Advices on general occupational hygiene

Avoid contact with skin, eyes and clothes.

When using do not eat, drink, smoke, sniff.

Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep/Store only in original container.

Materials to avoid

Do not store together with:

alkali

Further information on storage conditions

Do not store together with food, beverages and animal feedstuffs.

Keep locked up and out of reach of children.

Protect from frost.

Transport and store in upright position.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

CAS No	EC No	Substance name	occupational exposure limit value
79-09-4	201-176-3	Propionic acid	10 [ml/m ³ (ppm)] 31 [mg/m ³] Short-term(ml/m ³) 20 Short-term(mg/m ³) 62 2000/39/EC

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CAS No	EC No	Substance name	occupational exposure limit value
64-18-6	200-579-1	Formic acid	5 [ml/m ³ (ppm)] 9 [mg/m ³] 2006/15/EC
64-18-6	200-579-1	Formic acid	5 [ml/m ³ (ppm)] 9 [mg/m ³] (IE)
79-09-4	201-176-3	Propionic acid	10 [ml/m ³ (ppm)] 31 [mg/m ³] Short-term(ml/m ³) 20 (1) Short-term(mg/m ³) 62 (1) (1) 15 minutes reference period (IE)
64-18-6	200-579-1	Formic acid	5 [ml/m ³ (ppm)] 9,6 [mg/m ³] (UK)
79-09-4	201-176-3	Propionic acid	10 [ml/m ³ (ppm)] 31 [mg/m ³] Short-term(ml/m ³) 15 Short-term(mg/m ³) 46 (UK)

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection goggles

Hand protection

Chemical protective gloves made of butyl- or nitril rubber of category III EN 374. Please note the producer's indications on permeability and break through duration and pay attention to special conditions of the working site.

Respiratory protection

Respiratory protection necessary at:
insufficient ventilation

Use respiratory protection when working site limits are exceeded.
Combined filter AB brown/grey or independent breathing apparatus.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless
clear

Odour

stinging

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Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
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		
Flash point	> 100 °C	closed cup	
Auto-ignition temperature	> 100 °C		
Decomposition temperature	not determined		
pH	in aqueous solution approx. 3 (20°C) Concentration 1 %	DIN EN 1262	
Viscosity	not determined		
Solubility(ies)	Water solubility		very soluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 1 g/cm ³		
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information

No data available

SECTION 10: Stability and reactivity
10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Alkali (lye)

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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*** SECTION 11: Toxicological information**
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Animal data

	Effective dose	Method,Evaluation	Source, Remark
Acute oral toxicity	not determined		
Acute dermal toxicity	not determined		
Acute inhalation toxicity	not determined		

Skin corrosion/irritation
Animal data

Result / Evaluation	Method	Source, Remark
Corrosive.		

Serious eye damage/irritation
Animal data

Result / Evaluation	Method	Source, Remark
Corrosive		

*** Sensitisation to the respiratory tract**
*** Assessment/classification**
 Kann die Atemwege reizen.

Skin sensitisation

not determined

Germ cell mutagenicity

not determined

Carcinogenicity

not determined

Reproductive toxicity

not determined

STOT-single exposure

not determined

STOT-repeated exposure

not determined

Aspiration hazard

not determined

11.2 Information on other hazards

No data available

*** SECTION 12: Ecological information**
12.1 Toxicity
Aquatic toxicity

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		

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	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

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

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

*** SECTION 13: Disposal considerations**
*** 13.1 Waste treatment methods**
Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
020108 *	agrochemical waste containing hazardous substances
070699	wastes not otherwise specified

Appropriate disposal / Product

Product rests: send for disposal, e.g. special waste incineration.

*** Appropriate disposal / Package**

 Packaging may not be reused.
 Totally emptied packaging can be taken for recycling.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	UN 1848	UN 1848	-
14.2 UN proper shipping name	PROPIONIC ACID	PROPIONIC ACID	-

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	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.3 Transport hazard class(es)	8	8	-
14.4 Packing group	III	III	-
14.5 Environmental hazards	No	No	-
14.6 Special precautions for user			
No data available			
14.7 Maritime transport in bulk according to IMO instruments			
No data available			
All transport carriers			
EmS: F-A, S-B			

Land transport (ADR/RID)

 UN number or ID number UN 1848
 UN proper shipping name PROPIONIC ACID
 Transport hazard class(es) 8
 Hazard label(s) 8
 Classification code C3
 Packing group III
 Environmental hazards No
 Limited quantity (LQ) 5 L
 Special provisions -
 Tunnel restriction code E

Sea transport (IMDG)

 UN number or ID number UN 1848
 UN proper shipping name PROPIONIC ACID
 Transport hazard class(es) 8
 Packing group III
 Environmental hazards No
 Limited quantity (LQ) 5 L
 Marine pollutant No
 EmS F-A, S-B

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

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*** SECTION 16: Other information***** Additional information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Relevant H- and EUH-phrases (Number and full text)

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.

Indication of changes

* Data changed compared with the previous version