



Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

INTERKOKASK concentrate

Print date 25.11.2025
Revision date 25.11.2025
Version 2.4 (en)
replaces version of 19.04.2023 (2.3)

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

1.1 Product identifier

Trade name/designation INTERKOKASK concentrate
Unique Formula Identifier UFI: 9910-S042-R000-R9G6

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 +49 4721 73400
E-mail info@interhygiene.de
Website www.interhygiene.de

Manufacturer

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**

National Poisons Information Centre, Beaumont Hospital,
Dublin, Ireland

+353 (0)1 809 2166

Emergency medical information : (seven days)
contact National Poisons Information Centre,
Beaumont Hospital, Dublin 9 DOV2NO, Ireland

Members of the public Number (8am - 10 pm):
+353 (0)1 809 2166, Healthcare professional
telephone Number (24 hrs): +353 (0)1 809 2566

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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Acute Tox. 4, H302	Calculation method.
Skin Corr. 1B, H314	Calculation method.
Skin Sens. 1, H317	Calculation method.
STOT SE 3, H335	Calculation method.
Aquatic Chronic 3, H412	Calculation method.

Hazard statements for health hazards

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

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Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms



GHS05



GHS07

Signal word

Danger

Hazard statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

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.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing and eye protection/face protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
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.

Supplemental hazard information

57.1% of the mixture consist of one or more components of unknown toxicity.
Contains 57.1% of components of acute aquatic hazard.

2.3 Other hazards

Results of PBT and vPvB assessment

The substances contained in this product do not meet the PBT / vPvB criteria according to annex XIII of REACH.

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	20 - 40 weight-%	Flam. Liq. 3; H226 Skin Corr. 1B; H314 STOT SE 3; H335	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%

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CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
7664-38-2	231-633-2	015-011-00-6	phosphoric acid	20 - 30 weight-%	Met. Corr. 1; H290 Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318	Skin Corr. 1B; H314: C \geq 25% Skin Irrit. 2; H315: 10% \leq C<25% Eye Irrit. 2; H319: 10% \leq C<25%
59-50-7	200-431-6	604-014-00-3	chlorocresol	24.9 weight-%	Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	

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.

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

Eye rinsing with water carefully while protecting unhurt eye.
Consult an ophthalmologist.

Following ingestion

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

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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.
Avoid contact with product.
Use personal protection equipment.

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
Rinse contaminated surfaces thoroughly, eventually with alkaline detergent.
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

Keep away from sources of ignition.
Avoid contact with skin and eyes.
Do not smoke when handling the product.

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.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

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
7664-38-2	231-633-2	Orthophosphoric acid	1 [mg/m ³] Short-term(mg/m ³) 2 2000/39/EC
7664-38-2	231-633-2	Orthophosphoric acid	1 [mg/m ³] Short-term(mg/m ³) 2 (1) (1) 15 minutes reference period (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)
7664-38-2	231-633-2	Orthophosphoric acid	1 [mg/m ³] Short-term(mg/m ³) 2 (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

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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

Full mask (DIN EN 136), type of filter / device: combined filter A-B, brown/grey.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

brownish

Odour

product-specific

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	Melting point < 0 °C	calculated	
Boiling point or initial boiling point and boiling range	94- 97 °C		
flammability	solid		product is not solid
flammability	gaseous > 500 °C	calculated	
Lower and upper explosion limit	Upper explosion limit		The liquid / vapour is not explosible at usual temperatures.
Lower and upper explosion limit	Lower explosion limit		The liquid / vapour is not explosible at usual temperatures.
Flash point	approx. 61 °C	EEC A9	
Auto-ignition temperature	> 500 °C	EEC A.15	
Decomposition temperature			The substance / mixture is not classified as self-reactive (tested on a similar formulation).
pH	in delivery state approx. 1.6 (20°C) Concentration 3 %		Value refers to diluted product.
Viscosity	dynamic approx. 21 mPa*s (20°C)	Brookfield LVDV I+	
Viscosity	dynamic approx. 10 mPa*s (40°C)	Brookfield LVDV I+	



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	Value	Method	Source, Remark
Solubility(ies)	Water solubility		very soluble
Solubility(ies)	propionic acid, butanoic acid		
Partition coefficient n-octanol/water (log value)			not determined as product is a liquid mixture
Vapour pressure		calculated	< 1,016 x 10 ⁻⁵ Pa bei 100°C
Density and/or relative density	1.15- 1.172 g/cm ³ (20°C)	DIN 12791	
Relative vapour density			not determined
particle characteristics	not determined		

9.2 Other information

Other safety characteristics

	Value	Method	Source, Remark
Evaporation rate			No data available
Explosive properties			not explosive according to UN Handbook "Manual of Tests and Criteria"; seventh revised edition, 2019, Section 2.2.1, 20.3.3.3 and Appendix 6.
Oxidising properties			none

Other information

Surface tension: 32 mN/m

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

Protect from frost.

10.5 Incompatible materials

No data available

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	200- 2000 mg/kg Species Rat		
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

not determined

Sensitisation to the respiratory tract

not determined

Skin sensitisation

Animal data

Result / Evaluation	Dose / Concentration	Method	Source, Remark
possible			

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

The substances contained in this product do not meet the PBT / vPvB criteria according to annex XIII of REACH.

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

Bring to a special waste burning according to official rules.

Appropriate disposal / Package

Completely emptied packages can be recycled.
Packaging may not be reused.

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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 1903	UN 1903	-
14.2 UN proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (propionic acid, chlorocresol)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (propionic acid, chlorocresol)	-
14.3 Transport hazard class(es)	8	8	-
14.4 Packing group	III	III	-
14.5 Environmental hazards	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS Marine pollutant	-

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 1903
UN proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (propionic acid, chlorocresol)
Transport hazard class(es)	8
Hazard label(s)	8
Classification code	C9
Packing group	III
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	5 L
Special provisions	274
Tunnel restriction code	E

Sea transport (IMDG)

UN number or ID number	UN 1903
UN proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (propionic acid, chlorocresol)
Transport hazard class(es)	8
Packing group	III
Environmental hazards	ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ)	5 L
Marine pollutant	Yes.
EmS	F-A, S-B

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SECTION 15: Regulatory information

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

EU legislation

Authorisations

Baua-No. 15423

The product is currently under evaluation for Union authorisation according to Regulation (EU) No. 528/2012.

Other regulations (EU)

To follow:

Regulation (EU) No. 528/2012 concerning the making available on the market and use of biocidal products

15.2 Chemical Safety Assessment

National regulations

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

SECTION 16: Other information

Training advice

Eventually users should be trained according to national / local regulations concerning handling, storage, transport and disposal of biocidal products / hazardous goods.

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)

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Indication of changes

* Data changed compared with the previous version