



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

1.1. Product identifier

Name of product INTERKOKASK concentrate

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

Recommended intended purpose(s)
disinfectant

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Hysolv Ltd.
53 Lethbridge Road, GB- BA5 2FW Wells, Somerset
Phone 0778 357 1778 or 0786 780 7330
E-Mail info@hysolv.com
Internet www.hysolv.com

1.4. Emergency telephone number

Emergency advice for healthcare professionals: www.toxbase.org
Members of the public should contact their general practitioner or telephone NHS 111(England), NHS 24 (Scotland) or NHS Direct (Wales).

! SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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

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.

2.2. Label elements

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



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/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 (EU)

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	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
59-50-7	200-431-6	chlorocresol	24,9	Acute Tox. 4, H302 / Acute Tox. 4, H312 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / STOT SE, H335 / Aquatic Acute 1, H400 / Aquatic Acute 3, H412 /



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Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
7664-38-2	231-633-2	phosphoric acid	20 - 30	Skin Corr. 1B, H314 / Met. Corr. 1, H290 / Acute Tox. 4, H302 / Eye Dam. 1, H318
79-09-4	201-176-3	propionic acid	20 - 40	Skin Corr. 1B, H314 / Flam. Liq.3, H226 / Eye Dam./Irrit.1, H314 / STOT SE 3, H335

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

Keep immobile and cover..

Take away from danger area and lay down affected person.

In case of inhalation

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

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with soap and water.

Seek medical treatment immediately.

In case of eye contact

Eye rinsing with water carefully while protecting unhurt eye.

Medical treatment by eye specialist.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

If swallowed give water to drink.

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

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Water spray jet

5.2. Special hazards arising from the substance or mixture

No information available.



5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).
Wear full protective clothing.

Additional information

Cool endangered containers with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.
Avoid contact with product.
Use personal protective equipment.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. 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 information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

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

Hygiene measures

Avoid contact with skin, eyes and clothes.
At work do not eat, drink, smoke or take drugs.
Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

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

Further information on storage conditions

Keep locked up, out of reach of children
Protect from frost.
Transport and store in upright position.

Storage group 8B



7.3. Specific end use(s)
No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
7664-38-2	phosphoric acid	8 hours	1		
		Short-term	2		
79-09-4	propionic acid	8 hours	31	10	
		Short-term	62	20	

8.2. Exposure controls

Respiratory protection

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

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.

Eye protection

safety goggles with side protection
Safety goggles

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
liquid

Colour
brownish

Odour
product-specific

Odour threshold
not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 1,6	ca. 20 °C	3 %		Value refers to diluted product.
boiling range	94 - 97 °C				
melting point	< 0 °C			calculated	
Flash point	ca. 61 °C			EEC A9	
Vapourisation rate					no data available
Flammable (solid)					product is not solid



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	Value	Temperature	at	Method	Remark
Flammability (gas)	> 500 °C			calculated	
Ignition temperature	not determined				
Self ignition temperature	> 500 °C			EEC A.15	
Lower explosion limit					The liquid / vapour is not explosible at usual temperatures.
Upper explosion limit					The liquid / vapour is not explosible at usual temperatures.
Vapour pressure				calculated	< 1,016 x 10* 5 Pa bei 100°C
Relative density	1,15 - 1,172 g/cm3	20 °C		DIN 12791	
Vapour density					not determined
Solubility in water					very good soluble
Solubility/other				propionic acid, butanoic acid	
Partition coefficient n-octanol/water (log P O/W)					not determined as product is a liquid mixture
Decomposition temperature					The substance / mixture is not classified as self-reactive (tested on a similar formulation).
Viscosity dynamic	ca. 21 mPa*s	20 °C		Brookfield LVDV I+	
Viscosity dynamic	ca. 10 mPa*s	40 °C		Brookfield LVDV I+	
Oxidising properties	none				
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.					



9.2. Other information

Surface tension: 32 mN/m

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	200 - 2000 mg/kg	rat		
Skin irritation	corrosive			
Skin sensitization	possible			

Additional information

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil



No information 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. Other adverse effects

General regulation

Classification was made by calculation according to RL 1999/45/EG.

According to the criteria of the EG-classification and labelling "hazardous" (93/21/EWG) the substance / product does not have to be labelled as "hazardous".

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

02 01 08*

07 06 99

Name of waste

agrochemical waste containing hazardous substances

wastes not otherwise specified

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Bring to a special waste burning according to official rules.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Packaging may not be reused.

! SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	1903	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	Yes	Yes	-

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code



No information available.

Land and inland navigation transport ADR/RID

Hazard label(s) 8
Tunnel restriction code E
Classification code C9

Marine transport IMDG

MARINE POLLUTANT

Transport/further information

EmS: F-A, S-B

SECTION 15: Regulatory information

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

Authorizations

Baua-No. 15423

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

Other regulations (EU)

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

National regulations

Water hazard class 2 Classification according to VwVwS, Annex 4

15.2. Chemical Safety Assessment

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.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.0

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.