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

Name of product INTERCID (TAD CID)

**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](http://www.toxbase.org)  
Members of the public should contact their general practitioner or telephone NHS 111(England), NHS 24 (Scotland) or NHS Direct (Wales).

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**! 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
Flam. Liq. 3	H226	
Acute Tox. 3	H311	
Acute Tox. 3	H331	
Acute Tox. 4	H302	
Skin Corr. 1B	H314	
Resp. Sens. 1	H334	
Skin Sens. 1	H317	
Muta. 2	H341	
Carc. 1B	H350	
STOT SE 3	H335	

**Hazard Statements**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H311 + H331	Toxic in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.

## 2.2. Label elements

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



GHS02



GHS05



GHS06



GHS08

### ! Signal word

Danger

### Hazard Statements

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H341	Suspected of causing genetic defects.
H350	May cause cancer.

### Precautionary Statements

P102	Keep out of reach of children.
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 or doctor / physician if you feel unwell.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P342 + P311	If experiencing respiratory symptoms: call a poison center or doctor / physician.
P405	Store locked up.

## 2.3. Other hazards

No information available.

## 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]
67-63-0	200-661-7	propan-2-ol	< 20	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336

**Hazardous ingredients (continued)**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
111-30-8	203-856-5	glutaral	10 - 25	Acute Tox. 2, H330 / Acute Tox. 3, H301 / STOT SE 3, H335 / Skin Corr. 1B, H314 / Resp. Sens. 1, H334 / Skin Sens. 1A, H317 / Aquatic Acute 1, H400 M=1 / Aquatic Chronic 2, H411 M=1
50-00-0	200-001-8	formaldehyde	5 - 25	Acute Tox. 3, H301 / Acute Tox. 2, H330 / Acute Tox. 3, H311 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / Muta. 1, H341 / Carc. 1B, H350 / STOT SE3, H335

**REACH**

CAS No	Name	REACH registration number
67-63-0	propan-2-ol	01-2119457558-25

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

Remove contaminated soaked clothing immediately.  
Keep immobile and cover..

**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**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**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

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**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.

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

Ensure adequate ventilation.

Use personal protective clothing.

Avoid contact with product.

**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).

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

**6.4. Reference to other sections**

No information available.

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**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep away from sources of ignition.

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.

**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.

**Storage group** 3

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters biological limits (TRGS 903)

CAS No	Name	Parameter	BGW	Examination material	Test date
67-63-0	propan-2-ol	Aceton	25 mg/l	B	b
67-63-0	propan-2-ol	Aceton	25 mg/l	U	b

### DNEL-/PNEC-values DNEL worker

CAS No	Substance name	Value	Code	Remark
50-00-0	formaldehyde	9 mg/m <sup>3</sup>	DNEL long-term inhalative (systemic)	

### Additional advice

MAK-value (2009) Formaldehyd: 0,3 ml/m<sup>3</sup>, 0,37 mg/m<sup>3</sup>, I(2), Sh, 4, C, 5  
MAK-value (2009) Glutaral: 0,05 ml/m<sup>3</sup>, 0,21 mg/m<sup>3</sup>, I(2), Sah, 4 C

### 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

<b>Appearance</b> liquid	<b>Colour</b> light yellow	<b>Odour</b> product-specific
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**Odour threshold**  
not determined

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	ca. 5,5	20 °C			
<b>Boiling temperature / boiling range</b>	not determined				

	Value	Temperature	at	Method	Remark
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	42 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	430 °C			EEC A.15	
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	ca. 1,05 g/cm <sup>3</sup>				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	not determined				

**Oxidising properties**  
 No information available.

**Explosive properties**  
 No information available.

**9.2. Other information**  
 Oberflächenspannung: 29,7 mN/m

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**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****Substances to avoid**

Heavy reactions with strong oxidants, acids, bases.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

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**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 2000 mg/kg			
<b>Skin irritation</b>	corrosive			
<b>Sensitization respiratory system</b>	possible by breathing			

**Additional information**

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

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**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**

No information available.

### 12.6. Other adverse effects

#### Additional ecological information

	Value	Method	Remark
<b>COD</b>	980000 mgO2/l		
<b>BOD</b>	540000 mgO2/l		

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste code No.	Name of waste
02 01 08*	agrochemical waste containing hazardous substances
07 06 99	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. The taking back of packaging may be done by the Landbell AG.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	2924	2924	-
<b>14.2. UN proper shipping name</b>	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Alkohol, Isopropanol, Glutaraldehyd, Formaldehyd)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Alkohol, Isopropanol, Glutaraldehyd, Formaldehyd)	-
<b>14.3. Transport hazard class(es)</b>	3 (8)	3 (8)	-
<b>14.4. Packing group</b>	III	III	-
<b>14.5. Environmental hazards</b>	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



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No information available.

**Land and inland navigation transport ADR/RID**

Hazard label(s) 3+8

Tunnel restriction code D/E

Classification code FC

**Marine transport IMDG**

MARINE POLLUTANT

**Transport/further information**

EmS: F-E, S-C

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Water hazard class** 3 Classification according to VwVwS, Annex 4**15.2. Chemical Safety Assessment**

No information available.

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**SECTION 16: Other information****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: 1.4

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H350	May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.