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

Name of product INTERFOG

1.2. Relevant identified uses of the substance or mixture and uses advised against**Recommended intended purpose(s)**

atomizing additive

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 Statements

H318 Causes serious eye damage.

2.2. Label elements

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



GHS05

Signal word

Danger

Hazard Statements

H318 Causes serious eye damage.

Precautionary StatementsP101 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.
P260 Do not breathe aerosol.

INTERFOG

P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/... .
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P501	Totally emptied container can be given to recycling.

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]
78330-20-8		fatty alcohol ethoxylat	10 - 100	Eye Dam. / Irrit.1

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

Remove contaminated soaked clothing immediately.

Keep casualty warm, calm and covered.

In case of inhalation

Ensure of fresh air.

In case of irritation of the respiratory tract seek medical advice.

In case of skin contact

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

Seek medical treatment immediately.

In case of eye contact

Rinse the open eye with plenty of water for at least 15 minutes and consult a physician. If possible show MSDS.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

In case of swallowing give water to drink, activated carbon may be added.

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

In the event of fire the following can be released:

Hazardous vapors.
Smoke and fog.

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).
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

Avoid contact with skin and eyes.

Hygiene measures

Avoid contact with skin, eyes and clothes.
Pay attention to cleanliness.
At work do not eat, drink and smoke.
Wash hands before breaks and after work.

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

Keep container tightly closed and store at a cool, well ventilated place.

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 12

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

No information available.

8.2. Exposure controls**Respiratory protection**

Breathing protection is required when the tolerance limits are exceeded.

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

Avoid eye contact.

Safety goggles

Other protection measures

protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

liquid

Colour

colourless

Odour

product-specific

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 7,5				
boiling range	98 - 100 °C				

	Value	Temperature	at	Method	Remark
Melting point / Freezing point	not determined				
Flash point	> 100 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	ca. 1 g/cm ³				
Vapour density	not determined				
Solubility in water	not determined				
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Oxidising properties	No information available.				
Explosive properties	No information available.				
9.2. Other information	No information available.				

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**

none

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	> 2000 mg/kg			
Skin irritation				none
Eye irritation	risk of strong eye injuries			

Additional information

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

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**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".

The product has not been tested.

! SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste code No.	Name of waste
07 06 01*	aqueous washing liquids and mother liquors

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 packages can be given to the useful material compound.
Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

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.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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

Water hazard class	1	Classification according to VwVwS, Annex 4
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15.2. Chemical Safety Assessment

No information available.

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: 1.1