

## SAFETY DATA SHEET

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

- Product Name: IPBC 5%
- Synonyms: Lignum Pro M50
- UFI: FX60-V0KK-100E-ICY9
- Product Part Number: EQMP0011

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

- Use of the substance/mixture: Biocidal Product - Surface Biocide (PT10)
- Use advised against: No information available

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

- Name of Supplier: Enviroquest GPT Ltd
- Address of Supplier: Unit E8, Ashlyn Road  
West Meadows Industrial Estate  
Derby  
DE21 6XE  
United Kingdom
- Telephone: +44 (0)1332 362492
- Responsible Person: Enviroquest GPT Ltd
- Email: msds@enviroquestgpt.co.uk

**1.4 Emergency telephone number**

- Emergency Telephone: +44 (0)1332 362492 (Business Hours Only)  
UK Only : National Poisons Information Service ([www.npis.org](http://www.npis.org))  
ROI Only : National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)

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

- CLP: Skin Sens. 1, Aquatic Acute 1, Acute Tox. 4, Eye Dam. 1, STOT RE 1, Aquatic Chronic 2

**2.2 Label elements**

- Signal Word: Danger

**Hazard statements**

- H302 - Harmful if swallowed.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H372 - Causes damage to organs through prolonged or repeated exposure by inhalation

**SECTION 2: Hazards identification (....)**

H411 - Toxic to aquatic life with long lasting effects.

H400 - Very toxic to aquatic life.

**Precautionary statements**

P264 - Wash skin thoroughly after handling.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P301+P312 - IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.

P330 - Rinse mouth.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P321 - Specific treatment (see advice on this label).

P363 - Wash contaminated clothing before reuse.

P314 - Get medical advice/attention if you feel unwell.

P273 - Avoid release to the environment.

P391 - Collect spillage.

P501 - Dispose of contents/container to an authorised waste collection point.

**2.3 Other hazards**

- Contains: 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (IPBC)  
Alcohols, C9-11, Ethoxylated, 5EO (H302)

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical Name	CAS Number	EC Number	Concentration	Specific Concentration Limits	M factor	Categories
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	55406-53-6	259-627-5	5%		10;1	Acute Tox. 3 Acute Tox. 4 Eye Dam. 1 Skin Sens. 1 STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1
Alcohols, C9-11, Ethoxylated, 5EO (H302)	68439-46-3		30 - 50%			Acute Tox. 4 Eye Dam. 1
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	<0.05%	Skin Sens. 1 H317: C ≥ 0,05 %		Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1

**SECTION 3: Composition/information on ingredients (....)**

potassium hydroxide; caustic potash	1310-58-3	215-181-3	<0.01%	Skin Corr. 1A H314: C ≥ 5 % Skin Corr. 1B H314: 2 % ≤ C < 5 % Skin Irrit. 2 H315: 0,5 % ≤ C < 2 % Eye Irrit. 2 H319: 0,5 % ≤ C < 2 %	Acute Tox. 4 Skin Corr. 1A
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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.

**Contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Contact with skin**

If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion**

Rinse mouth.

**Inhalation**

Remove patient to fresh air

**4.2 Most important symptoms and effects, both acute and delayed****Contact with eyes**

Risk of serious damage to eyes

**Contact with skin**

Sensitizing

**Ingestion**

May cause nausea/vomiting

**Inhalation**

No information available

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

- Treat symptomatically
- Immediately call a POISON CENTER or doctor/physician.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

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**SECTION 5: Firefighting measures (....)**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

**5.2 Special hazards arising from the substance or mixture**

- May give off noxious and toxic fumes in a fire

**5.3 Advice for firefighters**

- Keep container(s) exposed to fire cool, by spraying with water
  - Prevent run off water from entering drains if possible
  - Wear chemical protection suit and positive-pressure breathing apparatus
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8
- Contain spillage by any means possible

**6.2 Environmental precautions**

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

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

- Collect spillage.
- Collect as much as possible in clean container for reuse or disposal
- Absorb spillage in suitable inert material
- Ventilate area

**6.4 Reference to other sections**

- See Section 8 & 13
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Wash hands thoroughly after using this substance
- Get medical advice/attention if you feel unwell.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

**7.2 Conditions for safe storage, including any incompatibilities**

- Keep only in the original container in a cool, well ventilated place

**7.3 Specific end use(s)**

- No information available
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Substances**

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**SECTION 8: Exposure controls/personal protection (....)**

Chemical Name	OES / STEL
potassium hydroxide; caustic potash	2 mg/m <sup>3</sup>

**8.2 Exposure controls**

- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)

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

- Physical state: liquid
- Colour: colourless to yellow
- Odour: Characteristic odour
- Flammability: Not flammable
- pH: 6 - 8.5
- Solubility in water: Completely soluble in water
- Density: 1.045 g/cm<sup>3</sup> at 20 °C
- Flashpoint: >93°C

**9.2 Other information**

- No information available

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- No special precautions are required for this product

**10.5 Incompatible materials**

- No information available

**10.6 Hazardous decomposition products**

- No hazardous decomposition products known

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**SECTION 11: Toxicological information**

## SECTION 11: Toxicological information (....)

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Estimated LD<sub>50</sub> (oral) (ATE) : 1111.111 mg/kg

Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg

Estimated LD<sub>50</sub> (inhalational) (ATE) : 60 mg/l/4hr (gas/vapour)

#### Substances

Chemical Name	LD <sub>50</sub> (dermal, rabbit)	LD <sub>50</sub> (oral, rat)	LC <sub>50</sub> (inhalation, rat)
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	>2000 mg/kg	1056 mg/kg	0.67 mg/l/4h
Alcohols, C9-11, Ethoxylated, 5EO (H302)		1378 mg/kg	
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one		1193 mg/kg	

#### Skin corrosion/irritation

Not Classified

#### Serious eye damage/irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

Not Classified

#### Carcinogenicity

Not Classified

#### Reproductive toxicity

Not Classified

#### STOT (specific target organ toxicity) - single exposure

Not Classified

#### STOT (specific target organ toxicity) - repeated exposure

Causes damage to organs through prolonged or repeated exposure by inhalation

#### Aspiration hazard

Not Classified

### 11.2 Information on other hazards

**SECTION 11: Toxicological information (....)**

- No information available

**SECTION 12: Ecological information****12.1 Toxicity****Substances**

Chemical Name	IC <sub>50</sub> (algae)	EC <sub>50</sub> (daphnia)	LC <sub>50</sub> (fish)
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	0.022 mg/l (72 hr)	0.16 mg/l (48 hr)	0.067 mg/l (96 hr)
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one		1 mg/l (48 hr)	1.3 mg/l (96 hr)

**12.2 Persistence and degradability**

- No information available

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- miscible with water

**12.5 Results of PBT and vPvB assessment**

- No information available

**12.6 Endocrine disrupting properties**

- No information available

**12.7 Other adverse effects**

- Pesticide
- Toxic to sewage works organisms

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

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

**SECTION 14: Transport information****14.1 UN number or ID number**

- UN No.: 3082

**14.2 UN proper shipping name**

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**SECTION 14: Transport information (....)**

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**14.3 Transport hazard class(es)**

- Hazard Class: 9

**14.4 Packing group**

- Packing Group: III

**14.5 Environmental hazards**

- Marine Pollutant
- Environmentally hazardous

**14.6 Special precautions for user**

- Contains: 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (IPBC)

**14.7 Maritime transport in bulk according to IMO instruments**

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

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878
- Refer to Control of Pesticides Regulations
- The COSHH Regulations apply in the UK

**15.2 Chemical safety assessment**

- A REACH chemical safety assessment has not been carried out
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**SECTION 16: Other information**

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.