



COSHH Risk Assessment No: 110

Product Name: Lignum Pro Gel



| | | | |
|---|---|--|--|
| Registration number – HSE 10154 | | Appearance – White caulked paste | |
| Describe the activity or work process. <i>(Inc. how long/ how often this is carried out and quantity substance used)</i> | Ready to use insecticidal and fungicidal paste bait applied through a caulking gun or spreading for the control and prevention of wood boring insects and fungi | | |
| Location of process being carried out? | Injection or brush onto surfaces at the rate of 100-200ml m ² for preventative and 250ml m ² for curative. If injected apply at 30kg m ³ . | | |
| Identify the persons at risk: | Employees <input checked="" type="checkbox"/> | Sub-contractors <input type="checkbox"/> | Public <input checked="" type="checkbox"/> |
| Name the substance involved including active ingredient, in the process and its manufacturer. | Lignum Pro gel - (Enviroquest – Lignum Timber Treatment) Active Ingredients – Propiconazole 0.8% + IPBC 0.35% + Permethrin 0.3% (GEL) | | |

| Classification (state the category of danger) | | | | | | | | |
|---|--------------------------|---------------------------|--|--------------------------|---|--|-------------------------------------|-------------------------|
| | <input type="checkbox"/> | Very Toxic – if swallowed | | <input type="checkbox"/> | Irritant - may cause allergic skin reaction | | <input type="checkbox"/> | Extremely Flammable |
| | <input type="checkbox"/> | Toxic – if swallowed | | <input type="checkbox"/> | Sensitising | | <input type="checkbox"/> | Highly Flammable |
| | <input type="checkbox"/> | Corrosive | | <input type="checkbox"/> | Biological | | <input checked="" type="checkbox"/> | May Damage Unborn Child |
| | <input type="checkbox"/> | Harmful - if swallowed | | <input type="checkbox"/> | Oxidising | | <input checked="" type="checkbox"/> | Environmental |

| Hazard Type | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Gas | Vapour | Mist | Fume | Dust | Liquid | Solid | Other (State)Gel bait..... |

| Route of Exposure | | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|---------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Inhalation | Skin | Eyes | Ingestion | Other | (State) |

| Workplace Exposure Limits (WELs) please indicate n/a where not applicable | |
|---|---|
| n/a | Short-term exposure level (15 mins):n/a |

State the Risks to Health from Identified Hazards

EC Classification:
 H360D - May damage the unborn child.
 EUH208 - Contains Propiconazole,3-iodo-2-propynyl butylcarbamate (IPBC) & Permethrin. May produce an allergic reaction.
 H410 - Very toxic to aquatic life with long lasting effects.

Control Measures:

Always consider non-toxic and least toxic options before application
 Always read label / MSDS before use and comply with details.
 Remove non target organisms / People during application and until dried
 To be used by trained operative (professional) only.
 Do not permit entry to drains. When used externally ensure bait is protected from rain.

Keep in original, labelled container.
 Remain in control of substance at all times. Storage to be restricted to certified store, out of storage use to be confined to regulated vehicle.
 Where risk of interception by 3rd party warning labels to be used to denote use and risk
 Records to be kept on usage and location in pest control master file.
 Operator to wear suitable PPE when handling and applying As detailed below. Records of PPE maintenance to be held centrally.
 Waste product to be retained and disposed of by Pest Control operator as per EA guidelines.
Site specific risk assessment to be conducted prior to each treatment

Safety Phrases:
 P308+P313 - IF exposed or concerned: Get medical advice/attention
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P281 - Use personal protective equipment as required.
 P405 - Store locked up.
 P273 - Avoid release to the environment.
 P391 - Collect spillage.
 P501 - Dispose of contents/container to an authorised waste collection point.

Is health surveillance or monitoring required? Yes No

Personal Protective Equipment (state type and standard)

| | | | |
|--|---|--|--|
|  <input type="checkbox"/> | |  <input type="checkbox"/> | |
| Dust mask | | Visor | |
|  <input checked="" type="checkbox"/> | With particulate filter A2P3 |  <input checked="" type="checkbox"/> | Goggles to EN166 where risk of splash occurs. Ensure eye bath is to hand |
| Respirator | | Goggles | |
|  <input checked="" type="checkbox"/> | Nitrile gauntlets to EN374 |  <input checked="" type="checkbox"/> | Disposable tyvek type 5/6 |
| Gloves | | Overalls | |
|  <input checked="" type="checkbox"/> | Steel toe cap boots to be worn as per company dress code. |  <input type="checkbox"/> | |
| Footwear | | Other | |

First Aid Measures

Inhalation: IF exposed or concerned: Get medical advice/attention
Skin: IF exposed or concerned: Get medical advice/attention
Eyes: IF exposed or concerned: Get medical advice/attention.
Ingestion: IF exposed or concerned: Get medical advice/attention.

Storage / Spillage

Storage: Keep in original labelled container, out of reach of children and non-target species. Protected from elements. Keep container tightly closed in a dry cool and well-ventilated place.
Spillage – Clean spillages immediately. Avoid entry to watercourses

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other
 (If Other Please State):.....

Summary

Unlikely to cause harmful effects to operator or members of the public under normal conditions. Product used in small quantities and low concentration of active ingredient. Used in accordance to label and operator training this product presents minimal risk to health

Risk Rating Following Control Measures

High Medium Low

Assessed by: Brian Duffin Date: 19/12/2025 Review Date: January 2027