



Registration number – HSE - 9894

Appearance –

Describe the activity or work process.  
*(Inc. how long/ how often this is carried out and quantity substance used)*

Concentrate insecticidal spray applied through a compression sprayer / Pump for the control and prevention of wood boring insects and fungi

Location of process being carried out?

Brushed or sprayed at low pressure after one litre diluted with 24 litres of water to wooden floors, artefacts or beams. Apply at a rate of 200ml – 300ml per m<sup>2</sup> or one litre per 3.3 – 5m<sup>2</sup>

Identify the persons at risk:

Employees

Sub-contractors

Public

Name the substance involved including active ingredient, in the process and its manufacturer.  
*(A copy of a current safety data sheet is attached to this assessment)*

Lignum Pro I 62.5 - (Enviroquest)  
Permethrin (62.5 g/ltr)

### Classification *(state the category of danger)*

	<input type="checkbox"/>	Very Toxic – if swallowed		<input checked="" 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 checked="" type="checkbox"/>	Corrosive		<input type="checkbox"/>	Biological		<input type="checkbox"/>	Flammable
	<input type="checkbox"/>	Harmful - if swallowed		<input type="checkbox"/>	Oxidising		<input checked="" type="checkbox"/>	Environmental

### Hazard Type

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

### Route of Exposure

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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:

H400 Harmful to aquatic organism, may cause long term adverse effects in the aquatic environment. H317 -May produce an allergic reaction, H302 -Harmful if swallowed. H318May cause serious damage to eyes

#### 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  
 Prevent access to treated area and do not use where contamination of feeds / foodstuffs may occur  
 To be used by trained operative (professional) only.  
 Do not permit entry to drains.  
 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 3<sup>rd</sup> 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.  
 Have emergency eyewash available

**Safety Phrases:**









- S1 Keep locked up. S2 Keep out of the reach of children
- S7 Keep container tightly closed
- S13 Keep away from food, drink and animal feeding stuffs
- S20/21 When using do not eat, drink or smoke
- S23 – Do not breathe gas/fumes/vapour/spray
- S24 – Avoid contact with skin
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 – In case of contact with skin wash immediately with plenty of water and seek medical advice
- S29 – Do not empty into drains
- S/36/37 Wear suitable protective clothing and gloves
- S38 – In case of insufficient ventilation wear suitable respiratory equipment.
- S44/S45 In case of accident or if you feel unwell, seek medical advice (show the label where possible)
- S49/ S35 Keep in original container and dispose of in a safe way
- S57 Use appropriate container to avoid environmental contamination
- S60/S35 This material and its container must be disposed of as hazardous waste
- S61 Avoid release to the environment. Refer to special instructions / safety data sheets
- S62 If swallowed, do not induce vomiting : seek medical advice immediately and show the label or container

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"/>	Full face mask with filter A2P3. Where ½ face chosen goggles must be worn	 <input checked="" type="checkbox"/>	Goggles to EN166 where risk of splash occurs and if full face mask not used
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gloves to thickness of 0.5mm	 <input checked="" type="checkbox"/>	Disposable tyvek or standard coverall
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:** Inhalation of mist or spray may cause irritation of the respiratory system. Move the exposed person to fresh air. Obtain medical advice immediately  
**Skin:** May cause skin irritation in susceptible persons. Remove contaminated clothing. Wash off immediately with plenty of soap and water. If irritation persists obtain medical attention. Contaminated clothing should be washed and dried before re-use.  
**Eyes:** May cause eye irritation of susceptible persons. Rinse immediately with plenty of water for 15 Mins holding the eyelids open. If irritation persists obtain medical attention.  
**Ingestion:** Harmful if swallowed. DO NOT INDUCE VOMITTING. If conscious give a small amount of water to drink and obtain medical attention. Show the container label or safety sheet to the doctor.

**Storage / Spillage**

**Storage:** Keep in original labelled container, out of reach of children and non target species. Protected from elements at 5°C – 40°C 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