



Registration number – HSE - 5106

Appearance – colourless to light yellow liquid

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

Contains 0.38 % (w/w) natural Pyrethrins synergised with Piperonyl Butoxide. A ready-to-use, high-volume space spray for the control of flying and crawling insects. It offers rapid knockdown and kill with no residual activity. Pybuthrin 33 can be applied as a coarse spray via a compression sprayer, or as a mist or fog. IR(93411)  
Indoors: 1 litre of product per 3000 m<sup>3</sup>.  
Outdoors: Up to 25 litres per ha / 1 litre per 2000 m<sup>2</sup>.

Location of process being carried out?

In and around domestic properties, public buildings and food handling establishments.

Identify the persons at risk:

Employees













Sub-contractors

Public

Name the substance involved including active ingredient, in the process and its manufacturer.

Pybuthrin 33 (Bayer (Envu))  
Active Ingredients – 0.38 % (w/w) natural Pyrethrins synergised with Piperonyl Butoxide

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

	<input type="checkbox"/>	Very Toxic		<input checked="" type="checkbox"/>	Skin Irritant		<input type="checkbox"/>	Extremely Flammable
	<input type="checkbox"/>	Toxic		<input type="checkbox"/>	Sensitising		<input type="checkbox"/>	Highly Flammable
	<input type="checkbox"/>	Corrosive		<input type="checkbox"/>	Biological		<input type="checkbox"/>	Flammable
	<input checked="" type="checkbox"/>	Long term exposure		<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).....

### Route of Exposure

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

H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H410 Very toxic to aquatic life with long lasting effects

#### Control Measures:

Always read label / MSDS before use and comply with details.  
Remove non target organisms / People during application  
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.  
Do not store in direct sunlight  
Do not spray onto open flame or sources of ignition  
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.

**Safety Phrases:**

P280 Wear protective gloves/ protective clothing/ eye protection.  
 P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor/ physician.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as nonhazardous waste.

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"/>		 <input checked="" type="checkbox"/>	Goggles to EN166
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Disposable gloves	 <input checked="" type="checkbox"/>	
Gloves		Coveralls	
 <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:** Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

**Skin:** Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. Call a physician or poison control center immediately.

**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Apply soothing eye drops, if needed anaesthetic eye drops. Call a physician or poison control center immediately.

**Ingestion:** Do NOT induce vomiting. Do not leave victim unattended. Call a physician or poison control center immediately. Risk of product entering the lungs on vomiting after ingestion. Rinse mouth.

**Storage / Spillage**

**Storage:** Keep containers tightly closed in a cool, well-ventilated place. Store in original container. Store in a place accessible by authorized persons only. Keep away from direct sunlight.

**Spillage –** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.

**Disposal of Substances & Contaminated Containers**

**Hazardous Waste**  Skip  Return to Depot  Return to Supplier  Other

(If Other Please State):.....

**Summary**

When used correctly this product offers few risks to user / end user

**Risk Rating Following Control Measures**

High  Medium  Low

Assessed by Brian Duffin Date: 3/1/2024 Review Date: January 2025