



# COSHH Risk Assessment No: 034

## Product Name: AquaPy



Registration number – HSE - 5799

Appearance – Colourless pale yellow liquid

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

Organic Insecticide derived from plant extracts for the control of flying and crawling insects. Dilution rate through pressurized sprayer at 2 bar – 125ml in 4.875Lites of water. Surface spray is 5 litres for 100m<sup>2</sup>  
For

Location of process being carried out?

In and around a wide variety of 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.

AquaPy - (Bayer)

Active Ingredients – contains Chrysanthemum cinerariaefolium extract from open and mature flowers of Tannacetum cinerariifolium obtained with supercritical CO2 3.00% w/w (30 g/L) synergised with piperonyl butoxide.

### Classification (state the category of danger)



Very Toxic



Irritant - dermatitis causing



Extremely Flammable



Toxic



Sensitising



Highly Flammable



Corrosive



Biological



Flammable



Harmful – lung damage if swallowed



Oxidising



Environmental

### Hazard Type

Gas

Vapour

Mist

Fume

Dust

Liquid

Solid

Other (State).....

### Route of Exposure

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:

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1). May produce an allergic reaction.

EUH401 To avoid risks to human health and the environment, comply with the instructions for use..

#### 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.

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:**









- 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
- 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
- S36 - Wear suitable protective clothing
- 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
- P391 – Collect spillage
- P501 – Dispose contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous 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 type="checkbox"/>		 <input checked="" type="checkbox"/>	Goggles to EN166
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gloves 0.4mm	 <input checked="" type="checkbox"/>	CAT 3 Type 6 suit if risk of exposure
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:** Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.  
**Skin:** Immediately wash with plenty of soap and water for at least 15 minutes. Warm water may increase the subjective severity of the irritation/paresthesia. This is not a sign of systemic poisoning. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. If symptoms persist, call a physician.  
**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. Warm water may increase the subjective severity of the irritation/paresthesia. This is not a sign of systemic poisoning. Apply soothing eye drops, if needed anaesthetic eye drops. Get medical attention if irritation develops and persists.  
**Ingestion:** Do NOT induce vomiting. Do not leave victim unattended. Call a physician or poison control center immediately.

**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 –** Take up with absorbent material (e.g. sand, diatomaceous earth or a proprietary absorbent material). Keep in suitable, closed containers for disposal. Clean floors and contaminated objects with plenty of water. Do not discharge into the drains/surface water/groundwater.

**Disposal of Substances & Contaminated Containers**

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

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

**Summary**

Non Toxic (plant derivatives) spray for non toxic option for insect control. To be treated as per insecticide storage guidance

**Risk Rating Following Control Measures**

High

Medium

Low