

COSHH Risk Assessment No: 034

Product Name: AquaPy



Registration number – HSE - 5799		Appearance – Colourless pale-yellow liquid	
Describe the activity or work process. <i>(Inc. how long/ how often this is carried out and quantity substance used)</i>	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 ²		
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 CO ₂ 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
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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 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.

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)

 ☐		 ☐	
Dust mask		Visor	
 ☐		 ☒	Goggles to EN166
Respirator		Goggles	
 ☒	Nitrile gloves 0.4mm	 ☒	CAT 3 Type 6 suit if risk of exposure
Gloves		Overalls	
 ☒	Steel toe cap boots to be worn as per company dress code.	 ☐	
Footwear		Other	

First Aid Measures

Inhalation: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control centre 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/paraesthesia. 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/paraesthesia. 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 centre 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 stoareg guidance		
Risk Rating Following Control Measures		
High	☐	Medium ☐ Low ☒
Assessed by: Paul Mallett Date: 02/01/2025 Review Date: January 2026		