

COSHH Risk Assessment No: 042

Product Name: Vulcan P5 DP



Registration number – HSE 7334		Appearance – White powder	
Describe the activity or work process. (Inc. how long/ how often this is carried out and quantity substance used)		Residual insecticide for the control of resting flying and crawling insects and woodlice, mites and ticks by a professional person. Application rate of between 10 – 25g per M ² of treatable area / nest. Product applied using hand shaker, puffer, bellows, wasp lance / stick or through pressurised duster. To be used to control active invertebrate activity as necessary	
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.		Vulcan P5 DP (Pelgar) Active Ingredients – Permethrin (0.5%w/w)	

Classification (state the category of danger)

	☐ Very Toxic – if swallowed		☒ Irritant - dermatitis causing		☐ Extremely Flammable
	☐ Toxic – if swallowed or inhaled		☐ Sensitising		☐ Highly Flammable
	☐ Corrosive		☐ Biological		☐ Flammable
	☒ Harmful - if swallowed		☐ Oxidising		☒ Environmental

Hazard Type

☐ Gas	☐ Vapour	☐ Mist	☐ Fume	☒ Dust	☐ Liquid	☐ Solid	☐ Other (State) _____
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Route of Exposure

☒ Inhalation	☒ Skin	☒ Eyes	☒ Ingestion	☐ Other (State) _____
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Workplace Exposure Limits (WELs) please indicate n/a where not applicable

WEL 8 hr (for carriers China clay and Silicon Dioxide) 6 mg/m ³	Short-term exposure level (15 mins): n/a
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State the Risks to Health from Identified Hazards

EC Classification:

EUH208 Contains PERMETHRIN. May produce an allergic reaction.
H410 Very toxic to aquatic life with long lasting effects.

Control Measures:

Always consider non-toxic options before application
Always read label / MSDS before use and comply with details. (EUH401)
Remove non target organisms (particular care where cats are resident) / People during application. Cover fish tanks and check for bats before spraying to commence
To be used by trained operative (professional) only
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:

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/ container in accordance with national regulations.

P102 Keep out of reach of children.

P103 Read label before use.

P260 Do not breathe dust.

P270 Do not eat, drink or smoke when using this product.

P262 Do not get in eyes, on skin, or on clothing.

Is health surveillance or monitoring required?

Yes

☐

No

☒**Personal Protective Equipment (state type and standard)**

 ☐		 ☐	
Dust mask		Visor	
 ☒	Half mask with Filter P3 to EN149FFP1 or EN140P3	 ☒	Goggles to EN166
Respirator		Goggles	
 ☒	Nitrile gloves to thickness of 0.4mm	 ☒	Disposable tyvek or standard coverall depending on level of possible exposure
Gloves		Overalls	
 ☒	Steel toe cap boots to be worn as per company dress code.	 ☐	
Footwear		Other	

First Aid Measures**Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.**Skin:** Rinse with water.**Eyes:** Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues**Ingestion:** Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.**Storage / Spillage****Storage:** Keep in original labelled container, out of reach of children and non-target species. Protect from elements. Keep container tightly closed in a dry cool and well-ventilated place.**Spillage** – Clean spillages immediately. Avoid entry to watercourses. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Avoid generation and spreading of dust.**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 in low concentration. Used in accordance to label and operator training this product presents a low risk to health

Risk Rating Following Control Measures

High

☐

Medium

☐

Low

☒

Assessed by: Paul Mallett

Date: 02/01/2025

Review Date: January 2026