



COSHH Risk Assessment No: 042

Product Name: Vulcan P5 DP



Registration number – HSE 7334	Appearance – White powder
Describe the activity or work process. <i>(Inc. how long/ how often this is carried out and quantity substance used)</i>	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 <input checked="" type="checkbox"/> Sub-contractors <input type="checkbox"/> Public <input checked="" type="checkbox"/>
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)

	<input type="checkbox"/>	Very Toxic – if swallowed		<input checked="" type="checkbox"/>	Irritant - dermatitis causing		<input type="checkbox"/>	Extremely Flammable
	<input type="checkbox"/>	Toxic – if swallowed or inhaled		<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"/>	Harmful - if swallowed		<input type="checkbox"/>	Oxidising		<input checked="" type="checkbox"/>	Environmental

Hazard Type

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

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)

 <input type="checkbox"/>		 <input type="checkbox"/>	
Dust mask		Visor	
 <input checked="" type="checkbox"/>	Half mask with Filter A2P3 to EN149FFP1 or EN140P3	 <input checked="" type="checkbox"/>	Goggles to EN166
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gauntlets to EN374	 <input checked="" type="checkbox"/>	Type 5/6 tyvek 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: 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: Brian Duffin

Date: 18/12/2025

Review Date: January 2027