



**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 – 20g per M <sup>2</sup> 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 <sup>3</sup>	Short-term exposure level (15 mins): n/a
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**State the Risks to Health from Identified Hazards**

**EC Classification:** H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains PERMETHRIN. May produce an allergic reaction.

**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 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 dust

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

S/36/37 Wear suitable protective clothing and gloves

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

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 P3 to EN149FFP1 or EN140P3	 <input checked="" type="checkbox"/>	Goggles to EN166
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gloves to thickness of 0.4mm	 <input checked="" type="checkbox"/>	Disposable tyvek or standard coverall depending on level of possible 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:** Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.**Eyes:** If dust has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.**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: 15/1/2020

Review Date: January 2021