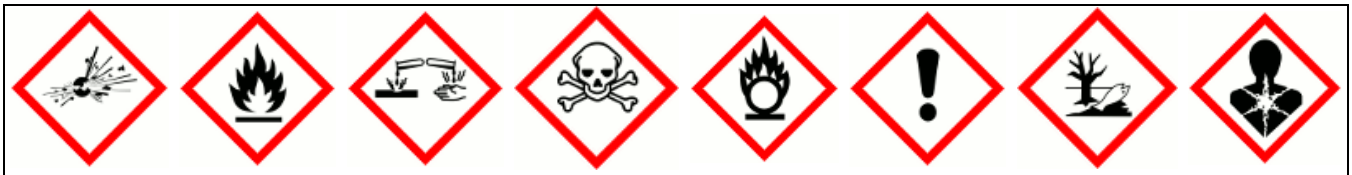
COSHH assessment

Ass't serial no.	Date	Sheet:
	05/01/22	1 of 2

Name of substance:	Commercial or trade name *(if any)*:
Cypermethrin 10.17% w/w (100 g/L)	**Vazor Cypermethrin 10**

Project name:		Pest Solutions project no.	
Location or site:		HSE-BPR:UK	**HSE 10085**

Nature of hazard:



[ ] [ ] [ ] [ ] [ ] [✓] [✓] [ ]

Status: On HSE/BPR list:[✓] Exposure limits defined:[ ] Biological agent:[ ] Dust:[ ] Other:[✓]

Supplier of substance *(if known)*:

Killgerm Chemicals Ltd
Denholme Drive
Ossett
West Yorkshire
WF5 9NA

01924 268450

Workplace exposure limits (WEL):–	No Data Available
Short-term exposure limit (STEL):	No Data Available
Long-term exposure limit (LEL):	No Data Available
Is supplier's data sheet available?	Yes:[✓] No:[ ]
Hazards & Precautions	H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H410: Very toxic to aquatic life with long lasting effects. P102: Keep out of the reach of children. P261: Avoid breathing spray. P270: Do not eat, drink, or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P302+P312: IF ON SKIN: Wash with plenty of soap and water. P501: Dispose of contents/container in accordance with all local, regional, national and international regulations. EUH401: To avoid risks to human health and the environment, comply with the instructions for use

Product Assessment: *When completed on-screen, the fields below will expand to suit the entries made.*

Purpose:	**For the control of flying insects (flies, mosquitoes and moths), crawling insects (beetles, ants and cockroaches), fleas and wasp nests.**
Handling / Usage	For use as a residual insecticide application against the above-named insect species in domestic premises (including kitchens), in hospitals (excluding occupied ward areas), factories, warehouses, hotels, restaurants, municipal or public buildings and in ships holds (but NOT in contact with uncovered food or grain). For use on non-porous surfaces. NOT to be used on human clothing and bedding. **Dilution Rate:** 5ml x 1lt water. 25ml x 5lt – double the mix rate for heavy infestation levels.
Health Effect	Harmful if swallowed. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.
General Assessment	A safe to use general insecticide providing all label instructions are followed.

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PPE Required during use	In case of insufficient ventilation – Half Mask Respirator (EN140) + A1P2 Filter (EN141) Nitrile Gloves. Overall/coverall – Low levels of contamination: Type 5/6 - High Levels: Type 4 Eye/Face protection: Face Shield to EN166 3F
Have possibilities of using another safer substance been considered?	Yes:[✓] No:[ ] N/A:[]
Comments:	Safer alternatives do not provide effective control

Management controls on use of the substance:

Training required before use:	BPCA/RSPH Level 2 Certification. Familiarisation with manufacturers MSDS and Label Instructions
Oral LD50	LD50 oral rat 301 – 2000 mg/kg LD50 dermal rabbit > 4000 mg/kg LC50 Inhalation - Rat > 5 mg/l/4h
Fire	Water spray, foam, dry chemical, or carbon dioxide. Do not use water jet.
Storage	Ensure good ventilation of the workplace. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/ vapours/spray. Wear personal protective equipment. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.
Transport	Environmentally hazardous substance, Liquid, N.O.S. (Cypermethrin)
Spillage	Wear appropriate PPE. Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Absorb spilt product with Spill Kit, diatomaceous earth, or similar absorbent material and transfer to a marked container. Dispose of as hazardous waste following local regulations. Clean area with soap and water where possible.
Disposal	Return empty containers to Stores for safe disposal.

Health risks and emergency arrangements:

Eye contact:	Irrigate with water for at least 15mins. If irritation persists seek Medical Attention.
Skin contact:	Remove contaminated clothing. Wash affected area immediately with plenty of soapy water.
Inhalation:	Unlikely to occur under normal conditions.
Ingestion:	Do not induce vomiting. Rinse mouth with water. Seek medical advice immediately.

Assessor:	*Name:*	Graeme Kirkpatrick	*Signed:*		*Date:*	05/01/2022
Reviewer:	*Name:*		*Signed:*		*Date:*	05/01/2024

Distribution of completed form *(Mark or write in entries relevant to this substance):*

Local Safety Co-ordinator:	[ ]	Designer: …….	[ ]	O&M Manual drafter:	[ ]	_____	[ ]
Site Manager: ……..	[ ]	Contractor: …..	[ ]	Client: ……	[✓]	Pest Solutions Staff	[✓]
S&S H&S Manager: …….	[ ]	Resident Eng'r:	[ ]	Facilities Manager: …	[ ]	H&S Director	[✓]