

1	Identification of the preparation and the supplying Company	<b>Py-Kill W. A concentrated insecticide solution for dilution with water and spraying.</b> Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA. Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: <a href="mailto:technical@Killgerm.com">technical@Killgerm.com</a>		
2	Hazards identification	Xn. Harmful- May cause lung damage if swallowed. F. Flammable. Irritant- Risk of serious damage to eyes. N. R51/53- Toxic to aquatic organisms. may cause long term adverse effects in the aquatic environment.		
3	Composition and information on ingredients	Tetramethrin - 2.25%w/v (N. R50. R53) CAS no. 7696_12_0 Piperonyl butoxide - 8.0%w/v (N. R50 R53) Emulsifiers - 17.0%w/v (Xi. R38. R41. R67) Paraffin - 73.0%w/v (Xn. R65. R66)		
4	First Aid measures	Ingestion: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. Inhalation: Remove to fresh air. GET MEDICAL ATTENTION. Skin contact: Remove contaminated clothing. Wash skin with soap and water. GET MEDICAL ATTENTION. Eye contact: Irrigate the eyes with copious amounts of water for at least 15 minutes. GET MEDICAL ATTENTION. Advice to doctor: Contains petroleum distillate and synthetic pyrethrum.		
5	Fire-fighting measures	Extinguishers: Use dry chemical, foam or carbon dioxide fire extinguishers. DO NOT USE WATER JET. Toxic fumes will be evolved in a fire. Self-contained breathing apparatus should be worn by fire fighters. Worn those at risk that toxic fumes are evolved.		
6	Accidental release measures	Spillage (containment and disposal): Wear appropriate PPE. Absorb in sand, earth or proprietary product, shovel into marked container and contact a waste disposal firm or the supplier for disposal advice.		
7	Handling and storage	Precautions in use: Avoid naked flames and hot surfaces. Wear suitable protective clothing (coveralls), synthetic rubber/PVC gloves when using. Do not breathe spray mist. When using, do not eat, drink or smoke. Do not apply to surfaces on which food is stored, prepared or eaten. Remove or cover all foodstuffs before application. Do not apply directly to livestock or poultry. Remove exposed milk and collect eggs before application. Cover food, food preparing equipment and eating utensils before application. Protect milk machinery and milk containers from contamination. Unprotected persons and animals should be kept away from treated areas for 48 hours or until surfaces are dry. Do not contaminate watercourses or ground. Remove or cover fish tanks and bowls before application. Wash out container thoroughly and dispose of safely. Do not re-use container. Wash splashes from skin or eyes immediately. Wash hands and exposed skin before meals and after use. Ensure adequate ventilation when applying.  Storage and transport precautions: Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed in a safe place. Do not store or spill near open flames or electric fires. Protect from frost. Store bottles and cartons upright.		
8	Exposure controls and personal protection	PPE Item	In Use	Spillage
		Respirator	Half mask respirator with AP class filter e.g.- Sussex 300 + A1P2 filter.	Half mask respirator with AP class filter e.g.- Sussex 300 + A1P2 filter.
		Gloves	Unlined synthetic rubber/PVC (300mm) e.g. Solvex Nitrile.	Unlined synthetic rubber/PVC (300mm) e.g. Solvex Nitrile.
		Overall	Basic type coverall to ISO 6530 e.g.- Kleenguard EP coverall plus apron (splash proof) when handling the concentrate.	Low levels of contamination - Basic type coverall to ISO 6530 e.g.- Kleenguard EP. High levels of contamination - Coverall to BS 4724 e.g.- Kleenguard DP coverall
		Goggles/ Face shield	Face shield to BS 2092 1C when handling the concentrate. Goggles to BS 2092 1CD when misting.	Face shield to BS 2092 1CD.

# Safety Data Sheet

# Py-Kill W

9	Physical and chemical properties	Appearance: pH: Flash point: Flammability: Bulk density: Solubility: Odour: Incompatibility:	Straw coloured liquid. Not applicable. 43°C. Flammable, will burn at room temperatures. 0.874 Forms white emulsion in water. Kerosene odour. Incompatible with strong oxidising agents, strong acids and strong bases.
10	Stability and reactivity	Not a reactive substance.	
11	Toxicological information	Routes of entry/symptoms of contact: Inhalation:  Skin and eyes:  Ingestion:	In normal circumstances the low volatility of this product does not give rise to harmful concentrations. Precautions should be taken to prevent exposure to product mist.  Paraffin is a primary irritant which de-fats the skin. Prolonged or frequent exposure may cause dermatitis. Brief exposure may be slightly irritating to the eyes.  Paraffin displays a moderate acute toxicity if swallowed, but concurrent or subsequent aspiration is a more serious aspect of ingestion. Ingestion of petroleum distillates may give rise to irritation of the mouth and gastro intestinal tract.
12	Ecological information	Dangerous to fish and other aquatic life. Do not contaminate watercourses or ground. Preparation is expected to be slowly but ultimately completely biodegradable.	
13	Disposal considerations	Empty containers:  Unused/recovered materials:  Contaminated PPE:	Do not re-use – empty completely. Dispose of as below. Non-hazardous waste. EWC Code 15 01 02 / 15 01 04  Do not dispose in domestic waste. Dispose of as below. Hazardous waste. EWC Code 20 01 19  Treat as controlled waste. Contact supplier for further advice. Non-hazardous waste. EWC Code 15 02 03
14	Transport information	PSN:- Flammable liquid, N.O.S. (73% Paraffin mixture) Class:- 3 ADR/IMDG:- UN: 1993 Packing Group III	
15	Regulatory information	Approved under COPR. HSE no. 4632 Refer to other relevant measures such as Health & Safety at Work etc. Act and the COSHH regulations. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation. Hazard classification- see paragraph 2.	
16	Other information	Use only in accordance with label instructions. Ingredient classification data: Xi – Irritant. Xn - Harmful. R65_ Harmful: may cause lung damage if swallowed. R66_ Repeated exposure may cause skin dryness or cracking. R67_ Vapours may cause drowsiness or dizziness. R38_ Irritating to skin. R41_ Risk of serious damage to eyes. R51/53_ Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The information on this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. This data sheet does not constitute a COSHH assessment. The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation. The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature. Incorporates the REACH requirement changes to safety data sheets.	