



# Safety Data Sheet      Killgerm Pyrethrum Spray

8	Exposure controls and personal protection	Occupational exposure limits: Oil mist mineral, odourless kerosene. UK.EH402002. Maximum 10mg/m <sup>3</sup> (15 mins). Exposure Limit: 5mg/m <sup>3</sup> (8 hour),		
	Personal Protection:	PPE Item	In Use	Spillage
		Respirator	Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum).	Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum).
		Gloves	Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile.	Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile.
		Overall	Low levels of contamination- Coverall type 5/6. High levels of contamination- Coverall type 4.	Low levels of contamination- Coverall type 5/6. High levels of contamination- Coverall type 4.
		Goggles/ Face shield	Face shield to EN166 3F	Face shield to EN166 3F
	Environmental Exposure Controls:	Product should be used in accordance with the instructions on the label. Any spillage should be dealt with promptly, and in accordance with advice on this SDS, in order to avoid contamination of watercourses or ground.		
9	Physical and chemical properties	Appearance:	Pale yellow coloured liquid.	
		pH:	Not applicable.	
		Flash point:	67°C.	
		Flammability:	Flammable, will burn at room temperatures to evolve toxic combustion products.	
		Bulk density:	0.840	
		Solubility:	Insoluble in water. Product will float on water.	
		Odour:	Slight kerosene odour.	
		Incompatibility:	Incompatible with strong oxidising agents, strong acids and strong bases.	
10	Stability and reactivity	Product is stable and not a reactive substance. Toxic/hazardous fumes evolved in a fire.		
11	Toxicological information	Routes of entry/symptoms of contact:		
		Inhalation:	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 spray/mist.	
		Skin and eyes:	Odourless kerosene is a moderate skin irritant. Prolonged or repeated contact can give rise to severe irritation or cause dermatitis. Irritating to eyes.	
		Ingestion:	The main hazard of swallowing the product arises from any consequent aspiration into the lungs which may cause chemical pneumonitis.	
12	Ecological information	<ul style="list-style-type: none"> <li>• Preparation is classified as (N) Dangerous for the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>• The active ingredient &amp; piperonyl butoxide giving rise to this classification are rapidly degraded in air, water and on contact with soils and organic matter. Odourless kerosene is highly volatile and will rapidly evaporate and degrade in air. The product is essentially insoluble in water (it will float on the top of water). It is readily and rapidly biodegradable.</li> </ul>		
13	Disposal considerations	Empty containers:	Do not re-use – empty completely. Dispose of as below. Non-hazardous waste. EWC Code 15 01 02 / 15 01 04	
		Unused/recovered materials:	Do not dispose in domestic waste. Dispose of as below. Hazardous waste. EWC Code 20 01 19	
		Contaminated PPE:	Treat as controlled waste. Contact supplier for further advice. Non-hazardous waste. EWC Code 15 02 03	
14	Transport information	Environmentally Hazardous Substance, Liquid N.O.S. (Contains 1.63%w/w Pyrethrum Extract). UN No. 3082. Class 9. Packing Group III. Marine pollutant.		
15	Regulatory information	<ul style="list-style-type: none"> <li>• This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3 (and CHIP 3.1 Amendment 2005). These implement the Dangerous Preparations Directive- 99/45/EC. This Safety Data Sheet complies with CHIP 3 requirements and the Safety Data Sheets Directive 91/155/EEC (as amended by Directives 93/112/EC and 2001/58/EC).</li> <li>• Restricted to professional users.</li> <li>• To avoid risks to man and the environment, comply with the instructions for use.</li> <li>• Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.</li> <li>• The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.</li> <li>• Symbols : Xn – Harmful. N -Dangerous for the environment.</li> <li>• Risk phrases : R65. R51. R53.</li> <li>• Safety phrases : S23, S24, S57, S61, S62.</li> </ul> <p>This product is approved under The Control of Pesticides Regulations 1986. HSE no. 4636.</p>		
16	Other information	Use only in accordance with label instructions.		

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Ingredient classification data: R22\_ Harmful if swallowed. R65\_ Harmful: may cause lung damage if swallowed. R66\_ Repeated exposure may cause skin dryness or cracking. R50/53\_ Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do not dilute.

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.

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