

1	Identification of the preparation and the supplying Company	<b>Killgerm ULV 400</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	Composition and information on ingredients	Active ingredients:- Composition:-	Pyrethrins - 3.7%w/w Piperonyl butoxide - 17.9%w/v Odourless kerosene - to 100%v/v
3	Hazards identification	Irritating to eyes and skin.	
4	First Aid measures	Ingestion:  Inhalation:  Skin contact:  Eye contact:  Advice to doctor:	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. Wash out mouth with water. If spontaneous vomiting has occurred keep patient at rest, ensuring airways are clear, and phone for an ambulance with oxygen facilities. Remove to fresh air. Loosen clothing at neck. Keep at rest. GET MEDICAL ATTENTION. Remove contaminated clothing. Wash off with soap and water. GET MEDICAL ATTENTION. Flush thoroughly with eye solution or clean water for 15 minutes. GET MEDICAL ATTENTION. Contains pyrethroids in petroleum distillates.
5	Fire-fighting measures	Extinguishers:	Use water spray, dry powder or foam. DO NOT USE WATER JET. Self-contained breathing apparatus should be worn by fire fighters. Warn those at risk that toxic fumes are evolved. Advise the water authority if material has entered the drains.
6	Accidental release measures	Spillages (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. Wash area with soap and water.
7	Handling and storage	Precautions in use:          Storage and transport precautions:	Do not apply in the presence of naked flames, hot appliances or unprotected electrical equipment. Wear suitable protective clothing (coveralls) and synthetic rubber/PVC gloves when using. Do not breathe spray mist. When using do not eat, drink or smoke. Wash hands and exposed skin before meals and after use. Do not apply to surfaces on which food is stored, prepared or eaten. Cover food, food preparing equipment and eating utensils before application. Do not apply directly to livestock or poultry. Removed exposed milk and collect eggs before application. Ventilate treated areas thoroughly after application. Protect milk machinery and milk containers from contamination. This material and its container must be disposed of in a safe way.  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. Protect from frost.
8	Exposure controls and personal protection	PPE Item	In Use  Respirator  Gloves  Overall   Goggles/ Face shield
			Spillage  Half mask respirator with AP class filter e.g.- Sussex 300 + A1P2 filter. Unlined synthetic rubber/PVC (300mm) e.g. Solvex nitrile. Low levels of contamination- Basic type to ISO 6530 e.g.- Kleenguard EP coverall. High levels of contamination- Coverall resistant to oil based pesticides to BS4724 e.g.- Kleenguard coverall. Goggles to BS2092 1CD.
			Half mask respirator with AP class filter e.g.- Sussex 300 + A1P2 filter. Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile. Coverall resistant to oil based pesticides to BS4724 e.g.- Kleenguard coverall.. Face shield to BS2092 1CD.
9	Physical and chemical properties	Appearance: pH: Flash point: Flammability: Bulk density: Solubility: Odour: Incompatibility:	Yellow coloured liquid. Not applicable. 66°C but will burn at ordinary temperature.. Will burn at room temperature. 0.834 Immiscible with water (product floats on it). Slight kerosene odour. Incompatible with strong oxidising agents, strong acids and strong bases.
10	Stability and reactivity	Not a reactive preparation.	

# Safety Data Sheet

# Killgerm ULV 400

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. Kerosene is a moderate skin irritant which de-fats and dries the skin. Prolonged or repeated contact can give rise to severe irritation or cause dermatitis. Irritating to eyes. The main hazard of swallowing the product arises from any consequent aspiration into the lungs which may cause chemical pneumonitis.
12	Ecological information	Extremely dangerous to fish and other aquatic life. Do not contaminate watercourses. Avoid all contact with plant life.	
13	Disposal considerations	Empty containers: Unused/recovered materials: Tank washings: Contaminated PPE:	Do not re-use – empty completely. Dispose of as below. Do not dispose in domestic waste. Treat as special waste. Consult supplier for advice.
14	Transport information	Not classified as hazardous for transport.	
15	Regulatory information	Approved under COPR. HSE no. 4838 (IP.IFSP.AH) 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	
16	Other information	Use only in accordance with label instructions. Observe statutory conditions of use on the label. Always read the label. Use pesticides safely. Odourless kerosene has been assigned an OEL of 300ppm by the manufacturer.	