

1	Identification of the preparation and the supplying Company	Cypermethrin 10% EC. An emulsifiable, concentrated insecticide for dilution with water & application to surfaces. Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA. Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: technical@Killgerm.com													
2	Composition and information on ingredients	Cypermethrin tech Emulsifiers Aromatic solvent	10.7%/w/w (Xn. N. R20/22. R50/53) 4.3%/w/w (Xi. R38. R10. R41. R67) 85.0%/w/w (N. R51/53. R65. R66. R67)												
3	Hazards identification	<ul style="list-style-type: none"> • Xn – Harmful; may cause lung damage if swallowed. • F – Flammable. • Dangerous for the environment. 													
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 wash solution or clean water for 15 minutes. Get medical attention. Contains pyrethroid in petroleum distillate.												
5	Fire-fighting measures	Extinguishers:	Use dry powder or foam 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.												
6	Accidental release measures	Spillage (containment and disposal):	Wear appropriate PPE. Absorb in sand, earth or proprietary product, shovel into a marked container and contact a waste disposal firm or suppliers for disposal advice. Wash area with water.												
7	Handling and storage	Precautions in use:	This product is subject to the Food and Environment Protection Act, 1985 and The Control of Pesticides Regulations 1986 made under it. The product must be used and stored only in accordance with the product label. The (COSHH) Control of Substances Hazardous to health Regulations 2002 may apply to the use of this product at work. Wear suitable protective clothing, gloves and eye/face protection. AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY. Do not breathe spray. Otherwise wear respiratory protective equipment and eye protection (see HSE Guidance Booklet HS(G)53: "The Selection, Use and Maintenance of Respiratory Protective Equipment – a practical guide"). DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES. COVER WATER STORAGE TANKS before application. This material and its container must be disposed of in a safe way. WHEN USING, DO NOT EAT, DRINK OR SMOKE. UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY. REMOVE OR COVER ALL FISH TANKS AND BOWLS before application. Do not contaminate waterbodies or watercourses with chemicals or used container. AVOID ALL CONTACT WITH PLANT LIFE. DO NOT APPLY DIRECTLY TO LIVESTOCK AND POULTRY. If swallowed, do not induce vomiting: seek medical advice immediately and show this container label. WASH SPLASHES from skin or eyes immediately. WASH HANDS AND EXPOSED SKIN before meals and after use. Always read the label. Use pesticides safely. Read safety data sheet before using this product.												
		Storage and transport precautions:	Keep only in the original container. Keep container tightly closed. KEEP IN A SAFE PLACE. Keep out of the reach of children. Keep away from sources of ignition – No Smoking. Keep away from food, drink and animal feeding stuffs. Do not use, store or spill near open flame or electric fire. Protect from frost. When not in use, store upright with cap tightly screwed on.												
8	Exposure controls and personal protection	PPE Item Respirator Gloves Overall Goggles/ Face shield	<table border="0"> <tr> <td data-bbox="803 1701 1128 1722">In Use</td> <td data-bbox="1144 1701 1468 1722">Spillage</td> </tr> <tr> <td data-bbox="803 1743 1128 1789">Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum)</td> <td data-bbox="1144 1743 1468 1810">Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum)</td> </tr> <tr> <td data-bbox="803 1810 1128 1856">Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile</td> <td data-bbox="1144 1810 1468 1856">Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile</td> </tr> <tr> <td data-bbox="803 1856 1128 1902">Low levels of contamination- Coverall type 5/6</td> <td data-bbox="1144 1856 1468 1902">Low levels of contamination- Coverall type 5/6</td> </tr> <tr> <td data-bbox="803 1902 1128 1948">High levels of contamination- Coverall type 4</td> <td data-bbox="1144 1902 1468 1948">High levels of contamination- Coverall type 4</td> </tr> <tr> <td data-bbox="803 1948 1128 1971">Face shield to EN 166 3F</td> <td data-bbox="1144 1948 1468 1971">Face shield to EN 166 3F</td> </tr> </table>	In Use	Spillage	Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum)	Half mask respirator to EN140 plus A1P2 class filter to EN141 (minimum)	Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile	Unlined synthetic rubber/PVC (300mm) eg. Solvex nitrile	Low levels of contamination- Coverall type 5/6	Low levels of contamination- Coverall type 5/6	High levels of contamination- Coverall type 4	High levels of contamination- Coverall type 4	Face shield to EN 166 3F	Face shield to EN 166 3F
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Safety Data Sheet

Cypermethrin 10% EC

9	Physical and chemical properties	Appearance: Light brown coloured clear liquid pH: Not applicable Flash point: 53°C Flammability: Will burn at room temperatures to give toxic combustion products Bulk density: 0.934 Solubility: Forms a white emulsion in water Odour: Slight odour (irritating vapour) Incompatibility: Incompatible with strong oxidising agents, strong acids and strong bases
10	Stability and reactivity	Flammable but not a reactive preparation.
11	Toxicological information	Routes of entry/symptoms of contact: Inhalation: Irritating to lungs and nasal passages. Skin and eyes: Irritating to skin and eyes. Ingestion: Hazardous if ingested in large quantities. Symptoms of contact: A wide range of toxic effects including irritation, coughing, muscular spasms, tingling of skin and twitching.
12	Ecological information	Extremely dangerous to fish. Remove/cover fish tanks/bowls before spraying. Do not contaminate ponds, waterways or ditches with the chemical or used containers.
13	Disposal considerations	Empty containers: Do not re-use. Empty completely- wash out into sprayer. Dispose of as below. Unused/recovered materials: Do not dispose of in domestic refuse. Treat as controlled waste. Contact supplier for advice. Contaminated PPE: Do not dispose of in domestic refuse. Treat as controlled waste. Contact supplier for advice.
14	Transport information	UN no. 1993 Class 3.3. Flammable. Flammable Packing Group III.
15	Regulatory information	<ul style="list-style-type: none">This preparation has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3. These implement the Dangerous Preparations Directive- 99/35/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).Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.Hazard Classification: Xn_ Harmful. F- Flammable. N- Dangerous for the environment.Risk Phrases: R10- Flammable. R65- Harmful; may cause lung damage if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.Safety Phrases: S2- Keep out of the reach of children. S7- Keep container tightly closed. S16- Keep away from sources of ignition- No Smoking. See full CHIP 3 and COPR safety phrases on the label.Approved under The Control of Pesticides Regulations 1986. HSE no. 3136.
16	Other information	Use only in accordance with label instructions. <u>Ingredient classification data</u> Xn- harmful. Xi- Irritant. F- Flammable. N- Dangerous for the environment. R10- Flammable. R20/22- Harmful by inhalation and if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes. R65- Harmful; may cause lung damage if swallowed. R66- Repeated exposure may cause skin dryness and cracking. R67- Vapours may cause drowsiness. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Observe statutory conditions of use on the label. Always read the label. Use pesticides safely. 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.