



WOODWORM KILLER 25X

Issue – WWK25X/1005

**WATER-BASED
LOW ODOUR**

**LOW TOXICITY
INSECTICIDE**

**APPROVED FOR
1 HOUR RE-ENTRY**

DESCRIPTION:

A concentrated micro-emulsion based contact insecticide, designed for the prevention and eradication of wood destroying insects, incorporating the low toxicity contact insecticide **Permethrin**. It's concentrated, water-based micro-emulsion system is approved for use under the HSE control of pesticides regulations to allow re-entry into a treated property **just 1 hour** after the treatment has been applied. Being a water-dilutable system eliminates any flammability risks from this product and reduces airborne odours to a barely perceptible level.

PREPARATION:

The product is supplied as a concentrate to be diluted with water by adding 1 part of concentrate to 24 parts of water will yield 25 litres of ready-to-use woodworm killer. Ensure all timber surfaces are clean and free from previously applied painted coatings and are in a condition, which readily allows the treatment to penetrate. In large-scale applications, where there are signs of previous infestation, a full structural assessment will be necessary to determine any timbers may be irreversibly decayed and therefore in need of replacement before treatment begins.

APPLICATION:

Apply the diluted product using either a brush or low-pressure spray pack, giving a coarse droplet application. The timber should be saturated to refusal, paying particular attention to holes confirming signs of insect emergence; exposed grain ends and ensuring locations such as sub-floor joists and reverse stair-boards are exposed to allow sufficient access for a completely effective treatment.

COVERAGE:

Ready to use WOODWORM KILLER 25X when diluted will cover at the rate of about 3 to 4 square metres of timber surface per litre, making a single 1 litre pack when diluted to 25 litres sufficient to cover a maximum of 100 square metres of exposed timber. Coverage rate will depend greatly upon the texture, shape and porosity of the wooden structure being treated. As a general guide it has been found that the roof void timbers in a typical large three bed semi-detached property will require up to 4 x 1 litre packs of WOODWORM KILLER 25X for a fully comprehensive treatment of all roof timbers. To hasten drying times, provide as much natural ventilation as possible into the treated area.

PRECAUTIONS:

The (COSHH) Control of substances Hazardous to Health regulations 2002 may apply to the use of this product at work. **FOR USE ONLY BY PROFESSIONAL OPERATORS.** Engineering control of operators' exposure must be used where reasonably practicable in addition to the following items of personal protective equipment. Wear suitable protective clothing, gloves eye / face protection. Take off immediately all contaminated clothing. Do not breathe spray mist. When using do not eat drink or smoke, Cover water storage tanks before application. Remove or cover all fish bowls & tanks before application. Cover food, food preparing surfaces and eating utensils before application. Exclude all unprotected animals and persons during and for at least 1 hour after treatment is completed. Ensure there is a physical barrier to prevent all unintended contact between persons and animals until surfaces are dry. Do not use on beehives or beekeeping equipment. **ALL BATS ARE PROTECTED UNDER THE WILDLIFE AND COUNTRYSIDE ACT 1981. BEFORE TREATING ANY STRUCTURES USED BY BATS, CONSULT ENGLISH NATURE, SCOTTISH NATURAL HERITAGE OR THE COUNTRYSIDE COUNCIL FOR WALES.** This material and its' container must be disposed of as hazardous waste. Do not empty into drains. **DO NOT USE NEAR DRAINS. PREVENT SURFACE RUN-OFF FROM ENTERING DRAINS.** Do not contaminate ground or water course with chemicals or used container.

This product is approved under the Control of Pesticides Regulations 1986, for use as directed under label instructions carrying HSE No. 8089. Consult all statutory precautions on the pack label before proceeding to use this product

Concentrate Contains: Permethrin – (2.44% w/w).

STORAGE & PACKAGING:

Store in sealed dry conditions, out of reach of children and away from extreme sources of heat.

Dispose of empty containers in a manner, which renders them useless for any other containment application. Consult the WOODWORM KILLER 25X material safety data sheet for advice on handling and safety procedures.

Should further more specific technical information be required, contact the Palace Technical helpline on 0151 486 6101.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.

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SUBSTANCE IDENTIFICATION: WOODWORM KILLER 25X Micro-emulsion concentrate (1 to 24)			
COMPOSITION; Permethrin – 2.44% w/w CAS No. 52645-53-1 Stabilised by Anionic / Nonionic emulsification agents in Water		HAZARDS CLASSIFICATION: IRRITANT Irritating to eyes Dangerous for the environment	
FIRST AID MEASURES:			
INHALATION: Avoid working in a spray mist If inhaled, clear out mouth with clean water and seek medical attention. If irritation or breathing difficulties persist, seek medical attention.	SKIN CONTACT: Wash off skin with warm soapy water. The dilution will not cause irritation, but prolonged and unattended contact with the concentrate should be avoided	INGESTION: Clean out mouth with copious volumes of water. Do not induce vomiting. Seek prompt medical attention and show this data sheet.	EYE CONTACT: Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.
FIRE FIGHTING MEASURES: This product is a NON-FLAMMABLE water based concentrate.			
ACCIDENTAL RELEASE MEASURES: Absorb spillages on sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for low-hazard pesticides.			
HANDLING & STORAGE: Store in sealed, clearly marked containers either as a concentrate or in its diluted form. Keep out of reach of children in a cool well ventilated environment – Protect from frost.			
EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT: Wear overalls and rubber/PVC gloves. When spraying PVC overalls should be worn in association with goggles (BS 2092) and vapour mask. Always read and follow the statutory precautions shown on the concentrate label. Notify persons in the vicinity of any treatment as to when access will be restricted. All treated persons should be kept free from unprotected persons and animals for up to 8 hours after initial treatment or longer until surfaces are dry.			

SAFETY DATA SHEET No. WWK48

PRODUCT: WOODWORM KILLER 25X – Micro-emulsion concentrate

PHYSICO-CHEMICAL PROPERTIES:	
Appearance – Translucent pale amber liquid – Ph – 5.5 to 8.5 Density – 1.02 Odour – negligible Viscosity - < 100cps as concentrate, water thin when diluted.	Clear when diluted with water at 1 to 24. Miscibility – Water only Boiling point - < 101°C Flash point - n/a Vapour pressure - n/a Explosive limits - n/a
STABILITY & REACTIVITY: Prolonged storage at low temperatures (<5°C for > 6 months) may result in the product becoming cloudy, but no less effective.	
TOXICOLOGICAL INFORMATION: LD50 – 3500mg/kg for aqueous emulsions of Permethrin tested on rats. Eye contact may cause severe irritation	
ECOLOGICAL INFORMATION: Extremely dangerous to fish – do not contaminate watercourses, ponds, ditches with this product or it's used container. Do not use on beehives or bee-keeping equipment.	
DISPOSAL CONSIDERATIONS: Dispose according to Local Authority regulations for aqueous, low hazard wood preservatives and contact insecticides.	
TRANSPORT INFORMATION: UN 3082, Class 9, Packing group III Marine pollutant	
REGULATORY INFORMATION: IRRITANT – DANGEROUS FOR THE ENVIRONMENT (R36-R52/53) This product is approved under the control of pesticides regulations 1986 for use as directed HSE No. 8089. The use of this product at work will be subject to an assessment in accordance with the 1994 COSHH regulations.	 IRRITANT
FURTHER INFORMATION: The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work.	