



WOOD FINISHES DIRECT

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For purchasing information visit:
[Barrettine Premier Woodworm Killer](#)



SAFETY DATA SHEET
Premier Woodworm Killer

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Premier Woodworm Killer
Chemical name	Contains Permethrin.
Product number	SPWW001, SPWW2.5, SPWW025, SPWW005, SPWW205
SDS number	11381
Synonyms; trade names	HSE Approval No: 4005

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	For the eradication of wood boring insects.
Uses advised against	Any use other than those identified.

1.3. Details of the supplier of the safety data sheet

Supplier	Barrettine Barrettine Works St Ivel Way Warmley Bristol BS30 8TY Tel: 0117 960 0060 Fax: 0117 935 2437 sales@barrettine.co.uk
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1.4. Emergency telephone number

Emergency telephone	+44 (0) 1270 502891
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture**Classification****Physical hazards**

Flam. Liq. 3 - H226

Health hazards

Elicitation - EUH208 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Classification (67/548/EEC or 1999/45/EC)

Xn;R65. N;R57. R10,R52/53.

Human health

Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Environmental

Use this product only according to the directions on the container or label. Contains Permethrin which may be hazardous to bees and aquatic life if used incorrectly.

Physicochemical

When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

Premier Woodworm Killer

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H336 May cause drowsiness or dizziness.
 H410 Very toxic to aquatic life with long lasting effects.
 EUH208 Contains PERMETHRIN. May produce an allergic reaction.

Precautionary statements

P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing vapour/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331 Do NOT induce vomiting.
 P314 Get medical advice/attention if you feel unwell.
 P391 Collect spillage.
 P403+P233+P235 Store in a well ventilated place. Keep container tightly closed. Keep cool
 P501 Dispose of contents/container in accordance with national regulations.

Contains

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Supplementary precautionary statements

P242 Use only non-sparking tools.
 P271 Use only outdoors or in a well-ventilated area.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P405 Store locked up.

2.3. Other hazards

Continuous or repeated exposure to high concentrations may lead to pulmonary oedema.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics	>90%
CAS number: — EC number: 919-857-5	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	Xn;R65. R10,R66,R67.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	

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PERMETHRIN	<=0.2%
CAS number: 52645-53-1 EC number: 258-067-9 M factor (Acute) = 1000 M factor (Chronic) = 1000	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) Xn;R20/22 R43 N;R50/53
cumene	<1%
CAS number: 98-82-8 EC number: 202-704-5 REACH registration number: 01-2119473983-24-XXXX	
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Acute Tox. 4 - H302 STOT SE 3 - H335 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R65 Xi;R37 N;R51/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Immediately remove affected person from source of exposure. Provide first aid, rest, warmth and fresh air. If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear.

Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult. Get immediate medical attention.

Ingestion

If swallowed do NOT induce vomiting. Never give anything by mouth to an unconscious person. If patient vomits keep head low to prevent vomit entering lungs. If conscious give 1 - 2 glasses of water to drink.

Rinse mouth thoroughly and seek medical attention immediately. Keep patient at rest.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing.

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

General information

Get medical attention promptly if symptoms occur after washing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

Extinguish with water spray, foam, carbon dioxide, dry powder, sand, dolomite or other inert material.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO₂). Vapours are heavier than air and may travel considerable distance to source of ignition and flash back. May form explosive mixtures with air particularly within empty uncleaned receptacles.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Contaminated fire water must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

No smoking, sparks, flames or other sources of ignition near spillage. Ventilate to dispel any residual vapour. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear (see section 8).

6.2. Environmental precautions

Environmental precautions

Prevent discharge into drains, watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Ventilate well. Extinguish all ignition sources. Avoid sparks, flames, heat. No smoking. Keep flammable materials away from spillage. Clean-up personnel should use respirator and liquid contact protection.

Absorb in vermiculite, dry sand or earth and place into containers. Wash well after dealing with spillage. Inform authorities if large amounts are involved.

Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, sparks and open flame. Use only in well ventilated areas. Keep away from sources of ignition. Avoid breathing vapours.

This material is combustible and can form explosive mixtures with air.

Take precautions against static discharge. Avoid spilling, skin and eye contact. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Suitable storage materials Keep only in the original container.

Premier Woodworm Killer

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m3

MESITYLENE

Long-term exposure limit (8-hour TWA): WEL 25 ppm 125 mg/m3

Short-term exposure limit (15-minute): WEL

cumene

Long-term exposure limit (8-hour TWA): WEL 25 ppm 125 mg/m3

Short-term exposure limit (15-minute): WEL 50 ppm 250 mg/m3

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

MESITYLENE (CAS: 108-67-8)

DNEL	Industry - Inhalation; Short term systemic effects: 100 mg/m3 Industry - Dermal; Short term systemic effects: 16171 mg/kg/day Consumer - Inhalation; Short term systemic effects: 29.4 mg/m3 Consumer - Dermal; Long term systemic effects: 9512 mg/kg/day Consumer - Oral; Long term systemic effects: 15 mg/kg/day
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PNEC	- water; 101 µg/l - Intermittent release; 101 µg/l - STP; 2.02 mg/l - Sediment (Freshwater); 7.86 mg/kg - Sediment (Marinewater); 7.86 mg/kg - Soil; 1.34 mg/kg
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cumene (CAS: 98-82-8)

DNEL	Industry - Inhalation; Long term local effects: 250 mg/m3 Industry - Dermal; Long term systemic effects: 15.4 mg/kg/day Industry - Inhalation; Long term systemic effects: 100 mg/m3 Consumer - Dermal; Long term systemic effects: 1.2 mg/kg/day Consumer - Inhalation; Long term systemic effects: 16.6 mg/m3 Consumer - Oral; Long term systemic effects: 5 mg/kg/day
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PNEC	- Fresh water; 35 µg/l - Marine water; 3.5 µg/l - Intermittent release; 12 µg/l - STP; 200 mg/l - Sediment (Freshwater); 3.22 mg/kg - Sediment (Marinewater); 322 µg/kg - Soil; 624 µg/kg
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8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Wear tightly fitting safety goggles conforming to EN 166.

Hand protection

Suitable gloves may include Neoprene, nitrile or PVC.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

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Hygiene measures

Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Contaminated work clothes should be removed and laundered before re-use.

Respiratory protection

If ventilation is insufficient suitable respiratory protection must be provided.
Seek advice and recommendations of the manufacturer or supplier of equipment

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear colourless liquid.

Odour

Hydrocarbon solvent.

Initial boiling point and range

150 - 200°C @ °C at 760 mmHg

Flash point

44°C.°C CC (Closed cup).

Vapour pressure

3 mBar @ °C

Vapour density

>1

Relative density

0.770 @ @ 15°C.°C

Solubility(ies)

Immiscible with water.

Auto-ignition temperature

230°C.°C

Viscosity

1.09 cSt @ 40°C.°C

9.2. Other information

Volatile organic compound

This product contains a maximum VOC content of >90 % (EC/1999/13).

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable under normal conditions of storage and use. See section 7.

10.3. Possibility of hazardous reactions

Not determined. Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

Oxidising agents, acids and bases.

10.6. Hazardous decomposition products

Decomposition can lead to the formation of toxic gases or fumes, including carbon monoxide (CO) and carbon dioxide (CO₂).

Premier Woodworm Killer

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard

Kinematic viscosity ≤ 20.5 mm²/s. If fluids enter the respiratory system (especially the lungs) may cause chemical pneumonia.

Inhalation

Exposure to solvent vapours may cause irritation of the throat, respiratory system and mucous membranes and have adverse effects on the kidneys, liver and central nervous system.

Symptoms can include headache, dizziness, drowsiness, fatigue, and muscular weakness, In extreme cases resulting in loss of consciousness.

The patient should be kept under observation for at least 48 hours as symptoms may occur well after exposure.

Ingestion

Harmful if swallowed accidentally. Can cause severe irritation of mucous membranes and the respiratory tract.

Skin contact

Can cause defatting and dryness of skin, leading to cracking and eczema. Not expected to cause harm on brief contact, but prolonged or repeated exposure may lead to dermatitis.

Eye contact

Vapour or spray in the eyes may cause irritation and smarting.

Route of entry

Inhalation Skin absorption Ingestion.

Target organs

Respiratory system, lungs

Toxicological information on ingredients.

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Other health effects

Not known to be sensitising. Not known to be mutagenic.

Inhalation

Not expected to be a respiratory irritant under normal conditions of use. See section 8.

Ingestion

Aspiration hazard if swallowed; harmful if liquid is aspirated into the lungs, may even prove fatal. Accidental swallowing of small quantities is unlikely to cause harm but larger amounts may cause nausea and diarrhoea.

Skin contact

Slightly irritating.

Eye contact

May induce some mild irritation on contact with eyes.

SECTION 12: Ecological Information

Ecotoxicity

The product contains a substance which is toxic to bees. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Data presented may refer to the major component.

Acute toxicity - terrestrial

LC₅₀, ~: ~ 0.001 mg/l, Apis Mellifera (Honeybee) Data cited for the minor component.

Premier Woodworm Killer

Ecological information on ingredients.

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Acute toxicity - fish

LC₅₀, 96 hours: >1000 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: >1000 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability

Data refers to major ingredient. Readily biodegradable.

Ecological information on ingredients.

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Persistence and degradability

The product is expected to be biodegradable. Rapidly photochemically oxidised in air.

12.3. Bioaccumulative potential

Measured experimental data are not meaningful on substances of unknown or variable composition, complex reaction products and biological materials (UVCBs).

Ecological information on ingredients.

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Expected to bioaccumulate.

12.4. Mobility in soil

Mobility

The product is immiscible with water and will spread on the water surface. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Mobility

Insoluble and floats on water. Slightly mobile in soil. Contamination will evaporate from the surfaces of water and soil.

12.5. Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Product is hazardous waste. Do not allow into drains, sewers or watercourses. Dispose of this material and its container at a waste collection point.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1306
UN No. (IMDG)	1306

Premier Woodworm Killer

UN No. (ICAO) 1306

14.2. UN proper shipping name

Proper shipping name (ADR/RID) WOOD PRESERVATIVES, LIQUID

Proper shipping name (IMDG) WOOD PRESERVATIVES, LIQUID

Proper shipping name (ICAO) WOOD PRESERVATIVES, LIQUID

Proper shipping name (ADN) WOOD PRESERVATIVES, LIQUID

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID subsidiary risk

ADR/RID label 3

IMDG class 3

IMDG subsidiary risk

ICAO class/division 3

ICAO subsidiary risk

Transport labels

14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

EH40/2005 Workplace exposure limits.

Directions for use

For use only as a wood preservative.

Apply by brush.

Apply 1 litre of product per 6 to 8 m² of (timber) surface.

Apply 2 or 3 coats.

15.2. Chemical safety assessment

Premier Woodworm Killer

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 22/01/2015

Revision 6

Supersedes date 20/01/2015

Risk phrases in full

R10 Flammable.

R20/22 Harmful by inhalation and if swallowed.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R57 Toxic to bees.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Hazard statements in full

EUH208 Contains PERMETHRIN. May produce an allergic reaction.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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