



SAFETY DATA SHEET

PREMIER WOODWORM KILLER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

CHEMICAL NAME	Contains Permethrin.
PRODUCT NO.	SPWW001, SPWW2.5, SPWW025, SPWW005, SPWW205
SYNONYMS, TRADE NAMES	HSE Approval No: 4005
APPLICATION	For the eradication of wood boring insects.
SUPPLIER	Barrettine Barrettine Works St Ivel Way Warmley Bristol BS30 8TY Tel: 0117 960 0060 Fax: 0117 935 2437 sales@barrettine.co.uk
EMERGENCY TELEPHONE	0870 190 6777

2 HAZARDS IDENTIFICATION

Flammable.

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

Harmful: may cause lung damage if swallowed.

Toxic to bees.

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

CLASSIFICATION (1999/45) Xn;R65. N;R57. R10, R52/53.

ENVIRONMENT

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.

PHYSICAL AND CHEMICAL HAZARDS

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

HUMAN HEALTH

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
naphtha (petroleum), hydrotreated heavy, de-aromatised D40	265-150-3	64742-48-9	>98%	Xn;R65. R10,R66.
PERMETHRIN	258-067-9	52645-53-1	<0.1%	Xn;R20/22 R43 N;R50/53

The Full Text for all R-Phrases is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

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

NOTES TO THE PHYSICIAN

Treat Symptomatically.

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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

Check for contact lenses which must be removed from the eyes before rinsing. 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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire 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.

UNUSUAL FIRE & EXPLOSION HAZARDS

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.

SPECIFIC HAZARDS

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

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.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Do not smoke, use open fire or other sources of ignition. Ventilate to dispel any residual vapour. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear (see section 8).

ENVIRONMENTAL PRECAUTIONS

Prevent discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

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.

7 HANDLING AND STORAGE

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.

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.

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SUITABLE STORAGE MATERIALS

Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
naphtha (petroleum), hydrotreated heavy, de-aromatised D40	WEL		1000 mg/m3	

WEL = Workplace Exposure Limit.

PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.

Seek advice and recommendations of the manufacturer or supplier of equipment

HAND PROTECTION

Suitable gloves may include Neoprene, nitrile or PVC.

EYE PROTECTION

Wear tightly fitting safety goggles conforming to EN 166.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

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

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear colourless liquid.
ODOUR	Hydrocarbon solvent.
SOLUBILITY	Immiscible with water
BOILING POINT (°C)	150 - 200 °C. @ 760mm Hg.
RELATIVE DENSITY	0.770 @ 15°C.
VAPOUR DENSITY (air=1)	>1
VAPOUR PRESSURE	3 mbar @ 37.8°C.
VISCOSITY	1.09 cSt @ 40°C.
FLASH POINT (°C)	44°C. CC (Closed cup).
AUTO IGNITION	230°C.
TEMPERATURE (°C)	
VOLATILE ORGANIC COMPOUND (VOC)	>90 % (EC/1999/13)

10 STABILITY AND REACTIVITY

STABILITY

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

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Oxidising agents, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

PREMIER WOODWORM KILLER

TOXIC DOSE 1 - LD 50 >3, 000 mg/kg (oral rat)

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 de-fatting and dryness of skin, leading to cracking and eczema. Unlikely to cause harm on brief or occasional contact, but prolonged or repeated exposure may lead to dermatitis.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion.

TARGET ORGANS

Respiratory system, lungs

12 ECOLOGICAL INFORMATION

ECOTOXICITY

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

MOBILITY

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

BIOACCUMULATION

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

DEGRADABILITY

Data refer to major ingredient. Readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

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

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	WOOD PRESERVATIVES, LIQUID
UN NO. ROAD	1306
ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30
ADR LABEL NO.	3
HAZCHEM CODE	•3Y

PREMIER WOODWORM KILLER

UN NO. SEA	1306
IMDG CLASS	3
IMDG PACK GR.	III
EMS	F-E, S-D
UN NO. AIR	1306
AIR CLASS	3
AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS naphtha (petroleum), hydrotreated heavy, de-aromatised D40

RISK PHRASES

R10	Flammable.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R57	Toxic to bees.

SAFETY PHRASES

S35	This material and its container must be disposed of in a safe way.
AP-01	Do not contaminate foodstuffs, eating utensils or food contact surfaces.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S23-B	Do not breathe fumes.
S51	Use only in well-ventilated areas.
S29	Do not empty into drains.
AP-02	Do not contaminate ground, waterbodies or watercourses with chemicals or used container.
AP-03	Remove or cover all fish tanks and bowls before application.
AP-04	Unprotected persons and animals should be kept away from treated areas for 48 hours or until surfaces are dry.
AP-05	Avoid all contact with plant life.
AP-06	Cover all water storage tanks before application.
AP-07	All bats are protected under the Wildlife and Countryside Act 1981. Before treating any structure used by bats, consult Natural England, Scottish Natural Heritage or the Countryside Council for Wales.
AP-09	Wash hands and exposed skin before meals and after use.
AP-11	Keep in a safe place.
S2	Keep out of the reach of children.

UK REGULATORY REFERENCES

The Control of Pesticides Regulations 1988. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40)

DIRECTIONS FOR USE

For use only as a wood preservative.

Apply by brush.

Apply 1 litre of product per 6-8 square metres of (timber) surface.

Apply 2-3 coats.

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16 OTHER INFORMATION

REVISION COMMENTS

This is first issue.

REVISION DATE 19-APR-12

REV. NO./REPL. SDS 00:01122

GENERATED

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.