

RONSEAL®

SAFETY DATA SHEET RONSEAL MULTI-PURPOSE WOOD TREATMENT

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name RONSEAL MULTI-PURPOSE WOOD TREATMENT

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

Identified uses

For use only as a wood preservative.

1.3. Details of the supplier of the safety data sheet

Supplier Ronseal Ltd
Thornccliffe Park
Chapelton
Sheffield
S35 2YP
+44 (0) 114 246 7171
enquiry@ronseal.co.uk
sds@ronseal.co.uk

Contact Person

1.4. Emergency telephone number

Tel +44 (0) 114 246 7171 (office hours only)
Fax +44 (0) 114 245 5629

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R65. N;R50/53. R10, R66.

2.2. Label elements

Contains White Spirit

Labelling



Harmful



Dangerous for the environment

Risk Phrases

R10 Flammable.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R65 Harmful: may cause lung damage if swallowed.

Safety Phrases

S2 Keep out of the reach of children.
S13 Keep away from food, drink and animal feeding stuffs.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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S61

Avoid release to the environment. Refer to special instructions/safety data sheets.

P14

Contains PERMETHRIN,PROPICONAZOLE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

PERMETHRIN		< 1%
CAS-No.: 52645-53-1	EC No.: 258-067-9	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R20/22 R43 N;R50/53	
PROPICONAZOLE		< 1%
CAS-No.: 60207-90-1	EC No.: 262-104-4	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. N;R50/53. R43.	
White Spirit		50-100%
CAS-No.: 64742-82-1	EC No.: 265-185-4	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R10,R66.	

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

Composition Comments

Contains Permethrin 0.093% ww/w (0.725g/l) Contains Propiconazole 0.50% w/w (3.91 g/l); May produce an allergic reaction Contains White Spirit.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep the patient warm and at rest. If breathing has stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a recognised skin cleanser. Do NOT use solvents or thinners. Seek medical advice if any irritation persists.

Eye contact

Contact lenses should be removed. Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: recommended: alcohol resistant foam, carbon dioxide (CO₂), powders, water spray/ mist. Not to be used for safety reasons: water jet.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special Fire Fighting Procedures

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be hazardous to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth or vermiculite, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area. Wear suitable protective clothing and gloves. Avoid inhalation of vapours and spray mists. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not contaminate foodstuffs, eating utensils or food contact surfaces. Cover all water storage tanks before application. Remove and cover all fish tanks and bowls before application. Do not contaminate ground, waterbodies or watercourses with chemical or used container. Wash hands and exposed skin before meals and after use. Wash any contamination from skin and eyes immediately Use only in well ventilated areas. Ventilate treated areas thoroughly after application. Unprotected persons and animals should be kept away from treated areas for 48 hours or until surfaces are dry. Until dry, treated areas can pose a fire risk. This material and its container must be disposed of in a safe way.

For additional guidance refer to Safety Phrases shown in Section 15

For personal protection, refer to Section 8.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. Refer to the guide weight indicated on the container when carrying out assessments.

7.2. Conditions for safe storage, including any incompatibilities

Observe the label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep in a cool, dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. Keep containers tightly closed. Keep only in original container. Keep out of reach of children. Keep in a safe place. Keep away from food, drink and animal feeding stuffs.

The principles contained in the HSE Guidance Note: Storage of Packaged Dangerous Substances, should be observed when storing this product.

To avoid the risk of spillage, always store and transport in a secure and upright position.

7.3. Specific end use(s)

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
White Spirit	SUP	350 mg/m3		

Ingredient Comments

SUP = Supplier's recommendation.

8.2. Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Respiratory equipment

If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

Hand protection

Use protective gloves made of: Rubber, neoprene or PVC.

Eye protection

Eye protection designed to protect against liquid splashes should be worn.

Other Protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Very low viscosity liquid.
Colour	Colourless.
Odour	Characteristic solvent type.
Solubility	Immiscible with water
Initial boiling point and boiling range	154-198 760 mm Hg
Melting point (°C)	
Not relevant	
Relative density	0.781 20
Vapour density (air=1)	
Not determined.	
Vapour pressure	
kPa	
Evaporation rate	63 (EtEt=1)
pH-Value, Conc. Solution	
Not relevant	
Decomposition temperature (°C)	
Not known.	
Flash point	41 CC (Closed cup).
Auto Ignition Temperature (°C)	240
Flammability Limit - Lower(%)	0.9
Flammability Limit - Upper(%)	8.0

9.2. Other information

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable if stored under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Keep away from oxidising agents and strongly alkaline and strongly acidic materials.

10.5. Incompatible materials

10.6. Hazardous decomposition products

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and alcohols may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the kidney, liver and central nervous systems. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin.

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage. Contains Propiconazole. May produce an allergic reaction.

Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Avoid release to the environment. Refer to special instructions / safety data sheets. Do not contaminate ground, waterbodies or watercourses with chemicals or used containers. Avoid all contact with plant life. Obtain specialist advice before using on buildings or structures known to be inhabited by bats. Do not use on beehives or beekeeping equipment.

12.1. Toxicity

Acute Fish Toxicity

There is no data available on the mixture itself.

12.2. Persistence and degradability

Degradability

There is no data available on the product itself.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

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12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow into drains or watercourses, or dispose of where ground or surface waters may be affected. Wastes and emptied containers are controlled wastes and should be disposed of in accordance with The Environmental Protection (Duty of Care) Regulations (in England, Scotland & Wales) or The Controlled Waste (Duty of Care) Regulations in Northern Ireland. Using information provided in this data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

SECTION 14: TRANSPORT INFORMATION

General

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in an accident or spillage.
Limited Quantity concessions may apply to the carriage of this product.

14.1. UN number

UN No. (ADR/RID/ADN) 1306

UN No. (IMDG) 1306

14.2. UN proper shipping name

Proper Shipping Name WOOD PRESERVATIVES, LIQUID

14.3. Transport hazard class(es)

ADR/RID/ADN Class Class 3: Flammable liquids.

IMDG Class 3

Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS F-E; S-D

Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The Manual Handling Operations Regulations

The Control of Pesticides Regulations 1986 HSE No 7276.

The Chemicals (Hazard Information and Packaging for Supply) Regulations.

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.

European Agreement concerning the International Carriage of Dangerous Goods by Road [ADR]

Guidance Notes

Occupational Exposure Limits EH40

HSE Guidance Booklet HS (G) 53: "The Selection, Use and Maintenance of Respiratory Protective Equipment - A Practical Guide."

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Water hazard classification

The product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters. There is no data available on the product itself.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

General information

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

THE CONTROL OF PESTICIDES REGULATIONS 1986

Read label before you buy. Use pesticides safely.

Use only in accordance with the directions on the label.

To avoid risks to man and the environment, comply with the instructions for use.

ADDITIONAL ADVICE FOR USE BY PROFESSIONAL OPERATORS

The [COSHH] Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Engineering control of operator exposure must be used, where reasonably practicable, in addition to advice given on personnel protective equipment. [Refer to Sections 8 and 15]

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

Avoid excessive contamination of coveralls and launder regularly.

For specific guidance contact Ronseal Technical Services. [Helpline +44 (0) 114 240 9469] ; Email: enquiry@ronseal.co.uk

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Revision Comments

New format.

Revision Date 07-12-2012**SDS No.** 10422/1**Safety Data Sheet Status** Approved.**Risk Phrases In Full**

R10 Flammable.
R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R43 May cause sensitisation by skin contact.
R66 Repeated exposure may cause skin dryness or cracking.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
EUH066 Repeated exposure may cause skin dryness or cracking.
H411 Toxic to aquatic life with long lasting effects.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Disclaimer

Information contained in this Safety Data Sheet is based on data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. ,
The supplier accepts no responsibility whatsoever (except otherwise provided in law) for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the product.