

# RONSEAL®

## SAFETY DATA SHEET RONSEAL TOTAL WOOD PRESERVER - CLEAR

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

#### 1.1. Product identifier

Product name RONSEAL TOTAL WOOD PRESERVER - CLEAR

#### 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

Ronseal Ireland:- Tel (00) 353 1 294 4009  
Fax (00) 353 1 294 4016

For UK emergency enquiries:-  
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.
S29	Do not empty into drains.
S35	This material and its container must be disposed of in a safe way.

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S37	Wear suitable gloves.
S43	In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
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

<b>BUTANOL-norm</b> <span style="float: right;"><b>&lt; 1%</b></span>	
<b>CAS-No.: 71-36-3</b>	<b>EC No.: 200-751-6</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT SE 3 - H336	Classification (67/548/EEC) R10 Xn;R22 Xi;R37/38,R41 R67
<b>PERMETHRIN</b> <span style="float: right;"><b>&lt; 1%</b></span>	
<b>CAS-No.: 52645-53-1</b>	<b>EC No.: 258-067-9</b>
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
<b>PROPICONAZOLE</b> <span style="float: right;"><b>&lt; 1%</b></span>	
<b>CAS-No.: 60207-90-1</b>	<b>EC No.: 262-104-4</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. N;R50/53. R43.
<b>White Spirit</b> <span style="float: right;"><b>50-100%</b></span>	
<b>CAS-No.: 64742-82-1</b>	<b>EC No.: 265-185-4</b>
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.

# RONSEAL TOTAL WOOD PRESERVER - CLEAR

## 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.

#### 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 (CO<sub>2</sub>), 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

# RONSEAL TOTAL WOOD PRESERVER - CLEAR

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)**

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m3(Sk)	
PERMETHRIN		No std.	No std.	No std.	No std.	
PROPICONAZOLE		No std.	No std.	No std.	No std.	
White Spirit	SUP		350 mg/m3			

WEL = Workplace Exposure Limit.

#### **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**

# RONSEAL TOTAL WOOD PRESERVER - CLEAR

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

## 9.2. Other information

## 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.

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## 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

### 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

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## 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

## 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 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]

#### Statutory Instruments

This product has been notified as a biocide in the Republic of Ireland in accordance with Statutory Instrument S. I. 625 of 2001. PCS Approval No. 93897

#### 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 Dangerous Preparations Directive 88/379. Safety Data Sheet Directive 91/155  
Biocidal Products Directive 98/8/EC

#### 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

# RONSEAL TOTAL WOOD PRESERVER - CLEAR

## 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.

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.

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

For further information on products available in the Republic of Ireland, contact Ronseal Ireland Ltd. Tel. +353 (0) 1 294 4009 ; Fax + 353 (0) 1 294 4016 ; Email enquiries@ronseal.ie

### Revision Comments

New format.

**Revision Date** 26-11-2012

**SDS No.** 10556/1

**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.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard Statements In Full

H318	Causes serious eye damage.
H315	Causes skin irritation.
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.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
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.



# RONSEAL TOTAL WOOD PRESERVER - CLEAR

## 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.