



SAFETY DATA SHEET

RONSEAL DECKING END GRAIN PRESERVER

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

PRODUCT NAME RONSEAL DECKING END GRAIN PRESERVER

APPLICATION

SUPPLIER For use only as a wood preservative.
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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-AMINOETHANOL	205-483-3	141-43-5	2.5-10%	C;R34 Xn;R20/21/22
Copper carbonate	235-113-6	12069-69-1	1-2.5%	Xn;R22.
PROPICONAZOLE	262-104-4	60207-90-1	< 1%	Xn;R22. N;R50/53. R43.

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

COMPOSITION COMMENTS

Contains Boric Acid 0.489% w/w; Copper Carbonate Hydroxide 2.19% w/w and Propiconazole 0.05% w/w.

4 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 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 proprietary skin cleanser. Do NOT use solvents or thinners. Seek medical advice if any irritation persists.

EYE CONTACT

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

5 FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA

This product is not flammable. Fire can be extinguished using: alcohol resistant foam, carbon dioxide (CO₂), powder, water spray/ mist. Do not use water jet.

SPECIAL FIRE FIGHTING PROCEDURES

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous 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.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

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.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Wear suitable protective clothing and gloves. Do not breathe spray. Otherwise wear respiratory protective equipment and eye protection (see HSE Guidance booklet HS (G) 53: "The Selection, Use and Maintenance of Respiratory Protective Equipment - A Practical Guide". Do not contaminate foodstuffs, eating utensils or food contact surfaces. Cover water storage tanks before application. This material and its container must be disposed of in a safe way. Remove and cover all fish tanks and bowls before application. Unprotected persons and animals should be kept away from treated areas for 48 hours or until surfaces are dry. 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.

For Occupational Exposure Controls, refer to Section 8.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product.

STORAGE PRECAUTIONS

Observe the label precautions. Store between 5°C and 25°C. 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.

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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-AMINOETHANOL	WEL	1 ppm(Sk)	2.5 mg/m ³ (Sk)	3 ppm(Sk)	7.6 mg/m ³ (Sk)	

WEL = Workplace Exposure Limit.

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.

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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.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Low viscosity liquid.		
COLOUR	Blue , dries green		
ODOUR	Low, inoffensive.		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	>100	FLASH POINT (°C)	> 60 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable if stored under recommended storage and handling conditions.

CONDITIONS TO AVOID

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

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

There is no data on the product itself. The product has been approved under the UK's Control of Pesticides Regulations and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

Contains propiconazole.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The preparation is approved under the Control of Pesticides Regulations. This approval takes into account, where known, any effects on the environment resulting from the use of the product. Refer to Sections 3 and 15 for details of any environmental classification. This product contains substances which are known to be hazardous to the 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. 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.

DEGRADABILITY

There is no data available on the product itself.

ACUTE FISH TOXICITY

There is no data available on the product itself.

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.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Do not allow into drains or watercourses, or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

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14 TRANSPORT INFORMATION

GENERAL	This product is not classified as dangerous for carriage. Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that person's transporting the product know what to do in an accident or spillage.
UN NO. ROAD	N/C

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

S2 Keep out of the reach of children
S7 Keep container tightly closed.
S35 This material and its container must be disposed of in a safe way.
S36/37 Wear suitable protective clothing and gloves.
S49 Keep only in the original container.

UK REGULATORY REFERENCES

This information contained in this data sheet is provided in accordance with the requirements of The Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP].

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 7821.

This product has been notified as a biocide in the Republic of Ireland.

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]

EU DIRECTIVES

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.

GUIDANCE NOTES

Occupational Exposure Limits EH40

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

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.

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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.

Avoid excessive contamination of coveralls and launder regularly.

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.

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

REVISION COMMENTS

Updated Regulatory References.

REVISION DATE 20-03-2007

SDS NO. 10306/2

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R34	Causes burns.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.