

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** ADVANCED WOOD PRESERVER

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

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Rustins Ltd

Waterloo Road

Cricklewood

London

NW2 7TX

United Kingdom

**Tel:** +44 (0)208 450 4666

**Fax:** +44 (0)208 452 2008

**Email:** rustins@rustins.co.uk

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

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

**Classification under CHIP:** N: R50/53

**Classification under CLP:** Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317

**Most important adverse effects:** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

GHS09: Environmental



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**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves and eye protection.  
P273: Avoid release to the environment.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor.  
P321: Specific treatment (see instructions on this label).

**Label elements under CHIP:**

**Hazard symbols:** Dangerous for the environment.



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

**Safety phrases:** S29: Do not empty into drains.  
S57: Use appropriate container to avoid environmental contamination.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

SODIUM NITRITE

| EINECS    | CAS       | CHIP Classification   | CLP Classification  | Percent |
|-----------|-----------|-----------------------|---|---------|
| 231-555-9 | 7632-00-0 | O: R8; T: R25; N: R50 | Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400 | 0.280%  |

**Non-classified ingredients:**

AWCP - ENVIROQUEST PRESERVER CONCENTRATE

| EINECS | CAS | CHIP Classification | CLP Classification  | Percent |
|--------|-----|---------------------|---|---------|
| -      | -   | -                   | Skin Irrit. 2: H315; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Sens. 1: H317 | 10.000% |

**Contains:** Contains propiconazole 0.225%(w/w), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate(Permethrin) 0.10%(w/w), Iodopropynl carbamate (IPBC)0.225%(w/w). May produce an allergic reaction.

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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a propriety skin cleaner. Do NOT use solvents or thinners.

**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.

**Ingestion:** If accidentally swallowed, wash mouth out with water. Do not induce vomiting, keep at rest and obtain medical attention.

**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.

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

**Skin contact:** May cause irritation on prolonged or repeated contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** No data available.

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

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Water spray, fog or mist. Carbon dioxide (CO<sub>2</sub>). Large Fires: Alcohol resistant foam or water fog.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Avoid breathing fumes and smoke which may irritate the nasal passages. Harmful. Containers may burst if over heated.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Do not attempt to take action without suitable protective clothing (see section 8). No Smoking. If outside keep bystanders upwind and away from danger point.

**6.2. Environmental precautions**

**Environmental precautions:** Contain the spillage using bunding. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency.

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**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13) Wash residual liquid with plenty of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** All personnel in the work area should be so protected, whether working directly with the product or not. Avoid inhalation of vapour. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in cool, well ventilated area. Keep away from direct sunlight.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Colourless

**Odour:** Barely perceptible odour

**Evaporation rate:** Slow

**Solubility in water:** Miscible in all proportions

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**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat sources, high temperatures and direct sunlight.

**10.5. Incompatible materials**

**Materials to avoid:** No data available.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In a fire, hazardous decomposition products such as smoke and carbon monoxide may be produced.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:**

| Route  | Species | Test | Value | Units |
|--------|---------|------|-------|-------|
| DERMAL | RAT     | LD50 | 2000  | mg/kg |
| ORAL   | RAT     | LD50 | 2000  | mg/kg |

**Hazardous ingredients:**

**SODIUM NITRITE**

|     |     |      |       |       |
|-----|-----|------|-------|-------|
| ORL | MUS | LD50 | 175   | mg/kg |
| ORL | RAT | LD50 | 180   | mg/kg |
| SCU | RAT | LD50 | 96600 | µg/kg |

**Symptoms / routes of exposure**

**Skin contact:** May cause irritation on prolonged or repeated contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** No data available.

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**Other information:** Not applicable.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:**

| Species       | Test      | Value | Units |
|---------------|-----------|-------|-------|
| ALGAE         | 72H ErC50 | 0.22  | mg/l  |
| Daphnia magna | 48H EC50  | 0.02  | mg/l  |
| FISH          | 96H LC50  | 0.145 | mg/l  |

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Very toxic to aquatic organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN3082

**14.2. UN proper shipping name**

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.(Contains Propiconazole, IPBC & Permethrin)

**14.3. Transport hazard class(es)**

**Transport class:** 9

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**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

**14.6. Special precautions for user**

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H272: May intensify fire; oxidiser.

H301: Toxic if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

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.

R8: Contact with combustible material may cause fire.

R25: Toxic if swallowed.

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

R50: Very toxic to aquatic organisms.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

[cont...]

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MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.