

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19.02.2008

Revision: 19.02.2008

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: **4005 Osmo WR Base Coat AQUA, clear**

Application of the substance / the preparation

Wood-preservative impregnation
Paint

Manufacturer/Supplier:

Osmo Holz und Color GmbH & Co. KG
Affhüppen Esch 12
D-48231 Warendorf

Further information obtainable from:

Product safety department
Phone: +49 (0) 251 / 692 - 188
Fax: +49 (0) 251 / 692 - 462
e-mail: helmut.starp@osmo.de

Information in case of emergency:

emergency phone no. Berlin (24h): +49 (0) 30 / 19240

2 Hazards identification

Hazard description: Not applicable.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 22 Harmful if swallowed.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 60207-90-1	propiconazole	Xn, Xi, N; R 22-43-50/53	0.90%
EINECS: 262-104-4			

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information:

Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.

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After inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
After skin contact:	In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label.
Information for doctor:	
The following symptoms may occur:	Headache Dizziness

5 Fire-fighting measures

Suitable extinguishing agents:	Use fire extinguishing methods suitable to surrounding conditions.
Protective equipment:	Mouth respiratory protective device.
Additional information	Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

Person-related safety precautions:	Ensure adequate ventilation
Measures for environmental protection:	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.
Measures for cleaning/collecting:	Warm water and cleansing agent Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.
Additional information:	See Section 13 for disposal information.

7 Handling and storage

Handling:	
Information for safe handling:	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Information about fire - and explosion protection:	The product is not flammable.

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Storage:**Requirements to be met by****storerooms and receptacles:**

Store only in the original receptacle.

Information about storage in one**common storage facility:**

Do not store together with alkalis (caustic solutions).

Do not store together with oxidizing and acidic materials.

Further information about**storage conditions:**

Protect from frost.

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

Additional information about**design of technical facilities:**

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

Personal protective equipment:**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A/P2

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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*For the permanent contact gloves
 made of the following materials
 are suitable:*

Nitrile rubber, NBR

*As protection from splashes
 gloves made of the following
 materials are suitable:*

Nitrile rubber, NBR

Eye protection:

Goggles recommended during refilling

Body protection:

Protective work clothing

9 Physical and chemical properties

General Information

Form:	Fluid
Colour:	Colourless
Odour:	Mild

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C

Flash point: > 100°C

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C: 1 g/cm³

**Solubility in / Miscibility with
 water:** Fully miscible.

pH-value at 20°C: 4

Viscosity:
Kinematic at 20°C: 25 s (ISO 3mm)

10 Stability and reactivity

**Thermal decomposition /
 conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous decomposition
 products:** No dangerous decomposition products known.

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11 Toxicological information

Acute toxicity:**LD/LC50 values relevant for classification:****60207-90-1 propiconazole**

Oral	LD50	660 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat)
Inhalative	LC50 / 4h	5.27 mg/l (rat)

Primary irritant effect:

on the skin: At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

on the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

12 Ecological information

Ecotoxicological effects:

Remark: Harmful to fish

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 Danger to drinking water if even small quantities leak into the ground.
 Harmful to aquatic organisms

13 Disposal considerations

Product:

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

03 02 02	organochlorinated wood preservatives
15 01 10	packaging containing residues of or contaminated by dangerous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

Land transport ADR/RID (cross-border)

ADR/RID class: -

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Maritime transport IMDG:

IMDG Class: -
Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

15 Regulatory information**Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Risk phrases:

22 Harmful if swallowed.
 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

2 Keep out of the reach of children.
 7 Keep container tightly closed.
 13 Keep away from food, drink and animal feedingstuffs.
 20/21 When using do not eat, drink or smoke.
 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
 24 Avoid contact with skin.
 27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of ... (to be specified by the manufacturer).
 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
 37 Wear suitable gloves.
 51 Use only in well-ventilated areas.

Special labelling of certain preparations:

Contains propiconazole. May produce an allergic reaction.
 Safety data sheet available for professional user on request.

National regulations:**Marking in accordance with biocide guideline 98/8/EG**

60207-90-1	propiconazole	9.0 g/kg
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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Relevant R-phrases

22 Harmful if swallowed.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing MSDS: product safety department
Contact: Hr. Dr. Starp

GB