

## Safety Data Sheet

according to HPR, Schedule 1

Printing date 06/18/2018

Reviewed on 06/18/2018

### 1 Identification

#### Product identifier

**Trade name:** **430 Anti-Slip Decking Oil**

**Application of the substance / the mixture** Coating compound/ Surface coating/ paint  
Paint

#### Details of the supplier of the safety data sheet

**Manufacturer/Supplier:** Osmo Holz und Color GmbH & Co. KG  
Affhüppen Esch 12  
D-48231 Warendorf  
Germany

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

**Emergency telephone number:** 24h-Emergency Phone Number:  
For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300  
Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

### 2 Hazard identification

#### Classification of the substance or mixture

Flam. Liq. 4 H227 Combustible liquid.  
Skin Sens. 1 H317 May cause an allergic skin reaction.

#### Label elements

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard pictograms



GHS07

#### Signal word

Warning

#### Hazard-determining components of labeling:

**Hazard statements** propiconazole  
H227 Combustible liquid.  
H317 May cause an allergic skin reaction.

#### Precautionary statements

Keep out of reach of children.  
If medical advice is needed, have product container or label at hand.  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from flames and hot surfaces. – No smoking.

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**Additional information:**

P261 Avoid breathing mist/vapours/spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P302+P352 If on skin: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
 P403 Store in a well-ventilated place.  
 P501 Dispose of contents/container in accordance with national regulations.

Observe the general safety regulations when handling chemicals.  
 Always wear a dust mask when sanding.

**Hazard description:**

**WHMIS-symbols:**

B3 - Combustible liquid



**Classification system:**

**NFPA ratings (scale 0 - 4)**

Health = 0  
 Fire = 2  
 Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 0  
 Fire = 2  
 Reactivity = 0

**Other hazards**



CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

### 3 Composition/Information on ingredients

**Chemical characterization: Mixtures**

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

64742-48-9	aliphatic hydrocarbons, C10-C13	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	30-60% *
34590-94-8	Dipropylene glycol monomethyl ether	Flam. Liq. 4, H227	5-10% *
60207-90-1	propiconazole	 Acute Tox. 4, H302; Skin Sens. 1, H317	0.1-1% *

### 4 First aid measures

**Description of first aid measures**

**General information:**

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

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

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.

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**After swallowing:** Induce vomiting, only if affected person is fully conscious.  
If swallowed, seek medical advice immediately and show this container or label.

**Information for doctor:**  
**Most important symptoms and effects, both acute and delayed** Headache  
Dizziness

**Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Firefighting measures

**Extinguishing media**  
**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

**Protective equipment:** No special measures required.

**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

**Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation  
Keep away from ignition sources

**Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Warm water and cleansing agent  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**Reference to other sections** See Section 13 for disposal information.  
No dangerous substances are released.

### 7 Handling and storage

**Handling:**  
**Precautions for safe handling** Keep receptacles tightly sealed.  
Use only in well ventilated areas.  
No special measures required.

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**Information about protection**
**against explosions and fires:** No special measures required.
**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by**
**storerooms and receptacles:** Store only in the original receptacle.
**Information about storage in one**
**common storage facility:** Not required.
**Further information about**
**storage conditions:** Store receptacle in a well ventilated area.

**Storage class:** 10

**Specific end use(s):** No further relevant information available.

### 8 Exposure controls/ Personal protection

**Additional information about**
**design of technical systems:** No further data; see item 7.
**Control parameters****Components with limit values that require monitoring at the workplace:****34590-94-8 Dipropylene glycol monomethyl ether**

EL	Short-term value: 150 ppm Long-term value: 100 ppm Skin
EV	Short-term value: 910 mg/m <sup>3</sup> , 150 ppm Long-term value: 605 mg/m <sup>3</sup> , 100 ppm

**Additional information:** The lists that were valid during the creation were used as basis.
**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.  
Do not carry product impregnated cleaning cloths in trouser pockets.  
Avoid contact with the eyes and skin.

**Breathing equipment:**

Use suitable respiratory protective device only when aerosol or mist is formed.  
Not necessary if room is well-ventilated.  
Short term filter device:

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

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**Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

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

Nitrile rubber, NBR

**Eye protection:**

If risk of splashing:

Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)

**Body protection:**

Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Color:</b>	Colorless
<b>Odor:</b>	Characteristic

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	180 °C

**Flash point:** > 61 °C (DIN EN ISO 2719)

**Ignition temperature:** 240 °C

**Auto igniting:** Product is not selfigniting.

**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

##### Explosion limits:

<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	6.0 Vol %

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<b>Vapor pressure at 20 °C:</b>	1 hPa
<b>Density at 20 °C:</b>	0.9 -1.0 g/cm <sup>3</sup> (DIN 51757)
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	>21 mm <sup>2</sup> /s (40°C)
<b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used and stored according to specifications.
<b>Possibility of hazardous reactions</b>	Reacts with fabric soaked in the product (e.g. cleaning wool). Reacts with acids, alkalis and oxidizing agents.
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide and carbon dioxide Nitrogen oxides (NO <sub>x</sub> )

### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

<b>LD/LC50 values that are relevant for classification:</b>		
<b>64742-48-9 aliphatic hydrocarbons, C10-C13</b>		
Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)
<b>127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates</b>		
Inhalative	LC50 / 4h	>5 mg/l (rat)

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**60207-90-1 propiconazole**

Oral	LD50	1517 mg/kg (rat) (OECD- Prüfrichtlinie 401)
Dermal	LD50	> 4000 mg/kg (rat)
Inhalative	LC50 / 4h	5.8 mg/l (rat) (403 Acute Inhalation Toxicity)

**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:** No irritating effect.

**Sensitization:** Sensitizing effect by skin contact is possible with prolonged exposure.

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic categories**
**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**NTP (National Toxicology Program)**

None of the ingredients is listed.

**12 Ecological information**
**Toxicity**
**Aquatic toxicity:**
**127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates**

EC50 / 48h	3.2 mg/l mg/l (daphnia) (OECD-Richtlinie 202, Teil 1)
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Biokonz.-Faktor	<3 (OECD-Richtlinie 305 C)
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**60207-90-1 propiconazole**

EC50 / 48h	10.2 mg/l (daphnia) (202 Daphnia sp. acute Immobilization)
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EC50/ 72h	9 mg/l (algae) (201 Alga Growth, Inhibition Test (Biomasse))
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LC50 / 96h	4.3 mg/l (fish) (203 Fish Acute Toxicity)
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LC50 / 48h	10.2 mg/l (fish)
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**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

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

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**Results of PBT and vPvB assessment**

**PBT:** Not applicable.  
**vPvB:** Not applicable.  
**Other adverse effects** No further relevant information available.

**13 Disposal considerations****Waste treatment methods**

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

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

<b>UN-Number</b> <i>DOT, TDG, ADN, IMDG, IATA</i>	Void
<b>UN proper shipping name</b> <i>DOT, TDG, ADN, IMDG, IATA</i>	Void
<b>Transport hazard class(es)</b> <i>DOT, TDG, ADN, IMDG, IATA</i> Class	Void
<b>Packing group</b> <i>DOT, TDG, IMDG, IATA</i>	Void
<b>Environmental hazards:</b> <i>Marine pollutant:</i>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

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### 15 Regulatory information

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

*Sara*

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

60207-90-1 | propiconazole

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**Canadian substance listings:**

**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

**Canadian Ingredient Disclosure list (limit 1%)**

34590-94-8 | Dipropylene glycol monomethyl ether

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard-determining components of labeling:**

propiconazole

**Hazard statements**

H227 Combustible liquid.

H317 May cause an allergic skin reaction.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from flames and hot surfaces. – No smoking.

P261 Avoid breathing mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection.

P302+P352 If on skin: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with national regulations.

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**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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.

**Relevant phrases**

H227 Combustible liquid.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H317 May cause an allergic skin reaction.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of preparation / last revision** 06/18/2018 / 4

**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 WHMIS: Workplace Hazardous Materials Information System (Canada)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

**\* Data compared to the previous version altered.**