Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.02.2022 Version number 6.1 (replaces version 6.0) Revision: 01.02.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

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

Article number: 430 Clear

1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

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

1.3 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

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

1.4 Emergency telephone number: emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms Void

Signal word Void

Hazard statements H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.

Additional information: EUH208 Contains propiconazole. May produce an allergic reaction.

2.3 Other hazards Observe the general safety regulations when handling chemicals.
Always wear a dust mask when sanding.
Warning:
Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

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Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
EC number: 918-481-9	aliphatic hydrocarbons, C10-C13 Asp. Tox. 1, H304, EUH066	25–50%
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	10–25%
CAS: 127519-17-9 ELINCS: 407-000-3 Index number: 607-281-00-4	A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl] propionates Aquatic Chronic 2, H411	≥0.25–<2.5%
CAS: 60207-90-1 EINECS: 262-104-4 Index number: 613-205-00-0	propiconazole Repr. 1B, H360D; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317	<0.3%

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

SECTION 4: First aid measures

4.1 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.

After swallowing: Induce vomiting only, if affected person is fully conscious.
If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Headache
Dizziness

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

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

5.3 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
Keep away from ignition sources.
Wear protective clothing.

6.2 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.

6.3 Methods and material for containment and cleaning up: Warm water and cleansing agent
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.

6.4 Reference to other sections No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling Keep receptacles tightly sealed.
Use only in well ventilated areas.
Avoid contact with skin and eyes.

General protective and hygienic measures: Avoid contact with the eyes and skin.

Information about fire - and explosion protection: No special measures required.

7.2 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

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
aliphatic hydrocarbons, C10-C13	
TWA	Short-term value: 1200 mg/m³ CEFIC-HSPA
34590-94-8 Dipropylene glycol monomethyl ether	
IOELV	Long-term value: 308 mg/m³, 50 ppm Skin

PNECs	
34590-94-8 Dipropylene glycol monomethyl ether	
PNEC fresh water	19 mg/l
PENEC Sediment fresh water	70.2 mg/kg
PNEC STP	4,168 mg/l
PNEC Sediment marine water	190 mg/kg

Additional information: The lists valid during the making were used as basis.

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8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as 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.

Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.
Use a properly fitted, air-purifying or air-fed repirator complying with an approved standard if a risk assessment indicates this is necessary.
Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
Not necessary if room is well-ventilated.

Hand protection 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 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 trough 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: ≥ 0.4 mm
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR

Eye/face 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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Fluid
Colour:	Colourless
Odour:	Characteristic
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	180 °C
Lower and upper explosion limit	
Lower:	0.7 Vol %
Upper:	6.0 Vol %
Flash point:	> 61 °C (DIN EN ISO 2719)
Auto-ignition temperature:	Product is not selfigniting.
pH	Not applicable.
Viscosity:	
Kinematic viscosity at 20 °C	20-25 s (DIN EN ISO 2431/4mm) >21 mm²/s (40°C) (calculated)
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Vapour pressure at 20 °C:	1 hPa
Density and/or relative density	
Density at 20 °C:	0.9 -1.0 g/cm³ (DIN 51757)

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	240 °C
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent content:	
VOC (EC)	< 500 g/l (VOC-max. Cat A/i (2010) = 500 g/l)

Information with regard to physical hazard classes

Explosives

Void

Flammable gases

Void

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Aerosols

Void

Oxidising gases

Void

Gases under pressure

Void

Flammable liquids

Void

Flammable solids

Void

Self-reactive substances and mixtures

Void

Pyrophoric liquids

Void

Pyrophoric solids

Void

Self-heating substances and mixtures

Void

Substances and mixtures, which emit flammable gases in contact with water

Void

Oxidising liquids

Void

Oxidising solids

Void

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Organic peroxides

Void

Corrosive to metals

Void

Desensitised explosives

Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions Reacts with fabric soaked in the product (e.g. cleaning wool).
Reacts with acids, alkalis and oxidising agents.

10.4 Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)

Additional information: Warning:
Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
aliphatic hydrocarbons, C10-C13		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

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34590-94-8 Dipropylene glycol monomethyl ether		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>19,020 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)
60207-90-1 propiconazole		
Oral	LD50	1,517 mg/kg (rat) (OECD- Prüfrichtlinie 401)
Dermal	LD50	>4,000 mg/kg (rat)
Inhalative	LC50 / 4h	5.8 mg/l (rat) (403 Acute Ihalation Toxicity)

Skin corrosion/irritation At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

60207-90-1 propiconazole		
Dermal	Skin irritation	

Serious eye damage/irritation	
60207-90-1 propiconazole	
Eye irritation	

Respiratory or skin sensitisation		
60207-90-1 propiconazole		
Dermal	sensitization	(guinea pigs)

Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.
Additional toxicological information:
Sensitisation Contains propiconazole. May produce an allergic reaction.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
aliphatic hydrocarbons, C10-C13	
EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)
34590-94-8 Dipropylene glycol monomethyl ether	
EC50 / 48h (Static)	1,919 mg/l (Daphnia magna)
LC50 / 96h	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
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 (Daphnia magna) (OECD-Richtlinie 202, Teil 1)
Biokonz.-Faktor	<3 (OECD-Richtlinie 305 C)
60207-90-1 propiconazole	
EC50 / 48h	10.2 mg/l (Daphnia magna) (Daphnia sp. Acute Immobilisation Test)
EC50/ 72h	0.76 mg/l (algae) (Freshwater Alga Growth Inhibition Test)
LC50 / 96h	4.3 mg/l (fish) (Fish Acute Toxicity Test)
LC50 / 48h	10.2 mg/l (fish)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential	
60207-90-1 propiconazole	
log POW	3.72 (Potential niedrig bis medium)

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to aquatic life with long lasting effects.
Harmful to fish

Additional ecological information:

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number	
ADR, ADN, IMDG, IATA	Not applicable
14.2 UN proper shipping name	
ADR	Not applicable
ADN, IMDG, IATA	Not applicable
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA	
Class	Not applicable
14.4 Packing group	
ADR, IMDG, IATA	Not applicable
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
UN "Model Regulation":	Not applicable

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SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Regulation (EU) No 649/2012

60207-90-1	propiconazole	Annex I Part 1

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:

Marking in accordance with biocide guideline 98/8/EG

60207-90-1	propiconazole	<3 g/kg

VOC (EC) < 500 g/l (VOC-max. = 500 g/l (2010 A/i))

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

SECTION 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.

Reasons for alterations Reach Annex II (2021)
Relevant phrases H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.

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H317 May cause an allergic skin reaction.
H360D May damage the unborn child.
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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product safety department
Contact: Hr. Dr. Starp
Version number of previous version: 6.0
Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
VOC: Volatile Organic Compounds (USA, EU)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Sens. 1: Skin sensitisation – Category 1
Repr. 1B: Reproductive toxicity – Category 1B
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources ESIS : European chemical Substances Information System
ECHA Portal
Safety data sheets from raw material suppliers

**** Data compared to the previous version altered.*** Additions, Deletions, Revisions
Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)