

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

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

Product identifier

Trade name: **Wood Protector**

Article number: 4006 clear

Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture

Priming
Coating compound/ Surface coating/ 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

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

Emergency telephone number:

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

Importer

Importer for UK:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
United Kingdom

2 Hazards identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonised System (GHS).

Label elements

Hazard pictograms

Void

Signal word

Void

Hazard statements

Void

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.
EUH210 Safety data sheet available on request.

Additional information:

(Contd. on page 2)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 1)

Other hazards

Observe the general safety regulations when handling chemicals.
 Always wear a dust mask when sanding.
 Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.

Results of PBT and vPvB assessment**PBT:** Not applicable**vPvB:** Not applicable

3 Composition/information on ingredients

Chemical characterisation: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 % ----- Asp. Tox. 1, H304	50–60%
CAS: 84418-68-8 EINECS: 282-780-4	Neodecanoic acid, zinc salt, basic ----- Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25–<2.5%

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

4 First aid measures

Description of first aid measures**General information:** Take affected persons out into the fresh air.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse mouth.
 Do NOT induce vomiting.
 If symptoms persist consult doctor.

Information for doctor:

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

Dizziness
 Headache

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

No further relevant information available.

(Contd. on page 3)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 2)

5 Firefighting measures

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

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:

General measures for chemical fires.

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:

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.

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 contaminated material as waste according to section 13.

Ensure adequate ventilation.

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.

7 Handling and storage

Handling:
Precautions for safe handling

Use only in well ventilated areas.

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 4)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 3)

Information about fire - and explosion protection:

Open and handle receptacle with care.
Prevent formation of aerosols.
Keep respiratory protective device available.

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:

Protect from frost.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

8 Exposure controls/personal protection

Control parameters
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.

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.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes and skin.
Store protective clothing separately.
Do not inhale gases / fumes / aerosols.

Respiratory protection:

Not necessary if room is well-ventilated.
Use suitable respiratory protective device only when aerosol or mist is formed.
Use a properly fitted, air-purifying or air-fed respirator 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.

Protection of hands:

To avoid skin problems reduce the wearing of gloves to the required minimum.
Protective gloves

(Contd. on page 5)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 4)

Material of 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

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: ≥ 0.4 mm

For the mixture 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:

Tightly sealed goggles

Body protection:

Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information****Appearance:****Form:**

Viscous

Colour:

Colourless

Odour:

Mild

pH-value:

Not applicable

Change in condition**Melting point/freezing point:**

Undetermined

Initial boiling point and boiling range:

> 180 °C

Flash point:

> 60 °C (DIN EN ISO 2719)

Auto-ignition temperature:

240 °C

Ignition temperature:

Product is not selfigniting.

Explosive properties:

Product does not present an explosion hazard.

(Contd. on page 6)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 5)

Explosion limits:	
Lower:	0.6 Vol %
Upper:	7.0 Vol %
Density at 20 °C:	0.85-0.87 g/cm ³ (DIN 51757)
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Viscosity:	
Dynamic:	Not determined
Solvent content:	
VOC (EC)	<750 g/l
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Reacts with fabric soaked in the product (e.g. cleaning wool).
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Formation of toxic gases is possible during heating or in case of fire. Nitrogen oxides (NO _x) Carbon monoxide and carbon dioxide
Additional information:	Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.

11 Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:		
CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %		
Oral	LD50	>5,000 mg/kg (rat)

(Contd. on page 7)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 6)

Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)
CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic		
Oral	LD50	>5,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>3,640 mg/kg (rat) (Acute Dermal Toxicity)
	LC50 / 72h	2.05 mg/l (algae)

Primary irritant effect:**Skin corrosion/irritation**

No irritant effect.

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

Serious eye damage/irritation

No irritating effect.

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

Respiratory or skin**sensitisation**

Sensitising effect by skin contact is possible by prolonged exposure.

Subacute to chronic toxicity:

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

12 Ecological information

Toxicity**Aquatic toxicity:****CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %**

EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)

CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic

IC50/ 3h	5.2 mg/l (activated sludge organism) (Activated Sludge, Respiration Inhibition Test)
LC50 / 96h	0.112 mg/l (fish)
NOEC / 3 days	0.06 mg/l (algae)

Persistence and degradability No further relevant information available.**Behaviour 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 1 (German Regulation) (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment**PBT:**

Not applicable

vPvB:

Not applicable

Other adverse effects

No further relevant information available.

(Contd. on page 8)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 7)

13 Disposal considerations

Waste treatment methods
Recommendation

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

Disposal must be made according to official regulations.

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

14 Transport information

UN-Number
ADR, ADN, IMDG, IATA

Not applicable

UN proper shipping name
ADR, ADN, IMDG, IATA

Not applicable

Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class

Not applicable

Packing group
ADR, IMDG, IATA

Not applicable

Environmental hazards:
Marine pollutant:

No

Special precautions for user

Not applicable

Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

UN "Model Regulation":

Not applicable

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Poisons Act
Regulated explosives precursors

None of the ingredients is listed.

(Contd. on page 9)

Safety data sheet

according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 8)

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

GHS label elements

Void

Hazard pictograms

Void

Signal word

Void

Hazard statements

Void

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.

Chemical safety assessment**Named dangerous****substances - ANNEX I**

None of the ingredients is listed.

Information about limitation of use:**GISBAU-Code**

GISCODE: BSL40

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

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

H304 May be fatal if swallowed and enters airways.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

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

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
 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic

(Contd. on page 10)

Safety data sheet
according to UK REACH

Printing date 09.03.2026

Version number 16.4

Revision: 09.03.2026

Trade name: Wood Protector

(Contd. of page 9)

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

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

ESIS : European chemical Substances Information System

ECHA Portal

Safety data sheets from raw material suppliers

Additions, Deletions, Revisions

Updated according to regulation (EU) 2020/878 amending regulation (EC) No:
1907/2006 (UK REACH)

GB