Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

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

Product identifier

Trade name: **Garden Furniture Oil**

Article number: 028

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

Application of the substance / the mixture Paint
Wood coating

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
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

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).

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

Label elements

Hazard pictograms Void

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 1)

Signal word Void
Hazard statements Void
Precautionary statements 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.
P501 Dispose of contents/container in accordance with national regulations.
Additional information: EUH210 Safety data sheet available on request.
Other hazards 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.
Always wear a dust mask when sanding.
Observe the general safety regulations when handling chemicals.
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	30–60%

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.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation or rash occurs: Get medical advice/attention.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Rinse mouth.
If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting.

(Contd. on page 3)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 2)

Information for doctor:
Most important symptoms and effects, both acute and delayed Dizziness
Indication of any immediate medical attention and special treatment needed If swallowed or in case of vomiting, danger of entering the lungs.

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.
Carbon monoxide (CO)
carbon dioxide (CO2)
Advice for firefighters
Protective equipment: Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
General measures for chemical fires.
Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
Keep away from ignition sources.
Wear protective clothing.
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: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

(Contd. on page 4)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 3)

Reference to other sections 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: Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.

General protective and hygienic measures: Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.

Information about fire - and explosion protection: Keep respiratory protective device available.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required

Further information about storage conditions: 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.

(Contd. on page 5)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 4)

Exposure controls
Personal protective equipment:
General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.
See Section 7 for information on safe handling.

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.
Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
Use a properly fitted, air-purifying or air-fed repirator complying with an approved standard if a risk assessment indicates this is necessary.

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 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 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

(Contd. on page 6)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 5)

9 Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	Clear
Odour:	Mild
Odour threshold:	Not determined
pH-value:	Mixture is non-polar/aprotic.
Change in condition	
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	≥170–≤260 °C (CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %)
Flash point:	> 60 °C (DIN EN ISO 2719)
Flammability	Not applicable
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Not determined
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7 Vol %
Vapour pressure:	Not determined
Density at 20 °C:	0.87–0.89 g/cm³ (DIN 51757)
Relative density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic:	Not determined
Solvent content:	
VOC (EC)	<600 g/l
Other information	No further relevant information available.

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 6)

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 No dangerous reactions known.
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.
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)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

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 No sensitising effects known.
Subacute to chronic toxicity: Based on available data, the classification criteria are not met.
Additional toxicological information: The product can cause inheritable damage.

(Contd. on page 8)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 7)

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)

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.

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: Solvent naphtha
Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number	
ADR, IMDG, IATA	Not applicable
UN proper shipping name	
ADR, IMDG, IATA	Not applicable

(Contd. on page 9)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 8)

Transport hazard class(es)	
ADR, ADN, IMDG, IATA	
Class	Not applicable
Packing group	
ADR, IMDG, IATA	Not applicable
Environmental hazards:	Not applicable
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.

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 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.
P501 Dispose of contents/container in accordance with national regulations.
Chemical safety assessment
Named dangerous substances - ANNEX I None of the ingredients is listed.
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. on page 10)

Safety data sheet
according to UK REACH

Printing date 09.04.2026 Version number 3.1 Revision: 04.03.2026

Trade name: Garden Furniture Oil

(Contd. of page 9)

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.

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
vPvB: very Persistent and very Bioaccumulative
Asp. Tox. 1: Aspiration hazard – Category 1

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 (UK REACH)