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## WASH AND CARE

Highly effective special cleaning concentrate with natural ingredients – for regular cleaning and care!



8016  
Clear



DE / 020 / 293

### PRODUCT DESCRIPTION

Water-soluble cleaning concentrate for everyday cleaning and care – especially developed for oiled and waxed wood floors. It contains soaps based on natural oils. The wood does not dry out from cleaning. When used regularly, the highly effective Wash and Care produces a low-maintenance, non-slip surface. The water-soluble ingredients prevent streaks and do not form a layer. Especially mild on skin, free of dyes and aromas, biodegradable, free of solvents and emissions, and thus it supports a healthy living environment.

### RECOMMENDED USE

Osmo Wash and Care is especially suitable for the cleaning and care of oiled and waxed wooden flooring. It is also recommended for furniture, doors, wall and ceiling panelling.

### INGREDIENTS

Based on natural plant oils; 5-15% plant soaps (anionic tensides); < 5% non-ionic tensides; care components, suspending agent.  
Detailed declaration of ingredients available upon request.

### TECHNICAL DATA

Specific gravity: 1.01-1.03 g/cm<sup>3</sup>  
Odour: faint/mild, after drying odourless  
pH value at 20°C: 10.9

### STORAGE

Up to 5 years and longer if container is kept dry, closed tightly and stored at temperatures between 5 and 35°C. Do not expose to frost during transport!

### SURFACE PREPARATION

To remove loose debris, we recommend using Osmo Dust-Mop, a conventional vacuum cleaner or broom.

### METHODS OF APPLICATION

**Manual:** Wash and Care is ideally used with Osmo Micro-Mop Plush. Add Osmo Wash and Care to water. Clean the floor with a damp (not wet) mop and wipe dry immediately. When applied regularly, the surface becomes resistant to dirt and wear.

**Machine:** Spread the diluted Wash and Care solution with a pump sprayer. Loosen dirt with a single disc machine, e.g. Osmo FloorXcenter, and a white pad. Immediately, mop away or remove with a round Osmo Microfibre Pad for machines.

### COVERAGE

Approx. 15 mL Wash and Care per 2 litres water. For higher levels of contamination or for mechanical applications, the dosage can be increased up to a mixing ratio of 1:1. Proper dosage saves costs and minimizes environmental impacts. Only a small quantity of the product is needed compared to normal (i.e. diluted) products. Do not mix different cleaners.

### NOTE

To specifically remove especially tough stains and to occasionally, intensively refresh waxed or oiled floors, we recommend using our tried and trusted Osmo Liquid Wax Cleaner, which is based on natural plant oils and waxes (undiluted application with Osmo Active Fibre Cloth). For a complete renovation, we recommend an Osmo Polyx®-Oil.



For use with Osmo FloorXcenter:

White pad: loosen common household contamination.

Brush ring: remove tough deposits even in pores.

Red pad: remove especially tough stains.

(Re-oiling is recommended.)

After the dirt is loosened, remove it with the Microfibre Pad. Repeat process until the complete area is clean. Detailed information can be found in the product information sheet for FloorXcenter.

Strong mechanical applications (e.g. single disc machine with a red pad) also remove the soluble wax and oil layer.

After drying, one coat of an Osmo Polyx®-Oil must be applied thinly to flooring.

## CAUTION

Keep out of reach of children.

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

## DISPOSAL

Dispose of leftover product and completely emptied packaging according to local official guidelines (waste code number 08 01 11). Only completely emptied cans can be recycled.

## COLOUR TONES

8016 Clear

## CAN SIZES

0.25 L; 1.0 L; 5.0 L; 10 L;

0.25 L (SET)

The above mentioned information is provided to the best of our knowledge however without any liability.

Version 02/18

**Material Safety Data Sheets**  
 according to 1907/2006/EC, Article 31

Printing date 24.05.2018

Version number 13

Revision: 14.05.2018

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

#### 1.1 Product identifier

**Trade name:** 8016 Osmo Wash and Care

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

**Application of the substance / the mixture** No further relevant information available.

**Application of the substance / the mixture** Cleaning material/ Detergent

#### 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

#### 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

#### 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** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

##### Labelling according to Regulation

**(EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.

Keep out of reach of children.

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

#### 2.3 Other hazards

Not applicable.

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

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**Trade name: 8016 Osmo Wash and Care**

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

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

#### Dangerous components:

CAS: 112-80-1 EINECS: 204-007-1	oleic acid, pure ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-10%
CAS: 69011-36-5 NLP: 500-241-5	Isotridecanol, ethoxylated ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 2.5%

**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:** No special measures required.

**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 out mouth and then drink plenty of water.  
If swallowed, seek medical advice immediately and show this container or label.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

**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:** CO<sub>2</sub>, 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** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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**Trade name: 8016 Osmo Wash and Care**

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### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

**6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Warm water

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**6.4 Reference to other sections**

See Section 13 for disposal information.

No dangerous substances are released.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special measures required.

**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:**

No special requirements.

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

Not required.

**Further information about storage conditions:**

Protect from frost.

**7.3 Specific end use(s)**

No further relevant information available.

### SECTION 8: Exposure controls/personal protection

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

No further data; see item 7.

**8.1 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.

**8.2 Exposure controls**

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

Wash hands before breaks and at the end of work.

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<b>Respiratory protection:</b>	Not required.
<b>Protection of hands:</b>	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
<b>Material of gloves</b>	Natural rubber, NR
<b>Penetration time of glove material</b>	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>For the permanent contact gloves made of the following materials are suitable:</b>	Rubber gloves Natural rubber, NR
<b>For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:</b>	Natural rubber, NR
<b>As protection from splashes gloves made of the following materials are suitable:</b>	Natural rubber, NR
<b>Eye protection:</b>	Goggles recommended during refilling
<b>Body protection:</b>	Protective work clothing

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Yellowish
<b>Odour:</b>	Mild

**pH-value at 20 °C:** 10.9

##### Change in condition

<b>Melting point/freezing point:</b>	0 °C
<b>Initial boiling point and boiling range:</b>	100 °C

**Flash point:** Not applicable.

**Ignition temperature:** 360 °C

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Vapour pressure at 20 °C:** 23 hPa

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<b>Density at 20 °C:</b>	1.02 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Fully miscible.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C:</b>	30 s (ISO 4 mm)
<b>Solvent content:</b>	
<b>VOC (EC)</b>	Not applicable.
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	No further relevant information available.
<b>10.2 Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>10.3 Possibility of hazardous reactions</b>	Reacts with strong oxidising agents.
<b>10.4 Conditions to avoid</b>	No further relevant information available.
<b>10.5 Incompatible materials:</b>	No further relevant information available.
<b>10.6 Hazardous decomposition products:</b>	No dangerous decomposition products known.

**SECTION 11: Toxicological information**

<b>11.1 Information on toxicological effects</b>	
<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Primary irritant effect:</b>	
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** biodegradable

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

**12.4 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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

### 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

07 06 01	aqueous washing liquids and mother liquors
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.

### SECTION 14: Transport information

#### 14.1 UN-Number

**ADR, ADN, IMDG, IATA** Void

#### 14.2 UN proper shipping name

**ADR, ADN, IMDG, IATA** Void

#### 14.3 Transport hazard class(es)

**ADR, ADN, IMDG, IATA**

**Class** Void

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<b>14.4 Packing group ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards: Marine pollutant:</b>	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:****GISBAU-Code**                      GISCODE: GU 40**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.

<b>Relevant phrases</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
<b>Department issuing SDS:</b>	product safety department
<b>Contact:</b>	Hr. Dr. Starp
<b>Abbreviations and acronyms:</b>	ADR: Accord européen sur le transport 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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3