

## Safety Data Sheet

acc. to OSHA HCS

Printing date 05/25/2018

Reviewed on 03/23/2017

### 1 Identification

**Product identifier**
**Trade name:** **Liquid Wax Refresher**
**Article number:** 3015

**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(s) identification

**Classification of the substance or mixture**

Eye Irrit. 2A H319 Causes serious eye irritation.

**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 statements**

H319 Causes serious eye irritation.

**Precautionary statements**

 P102 Keep out of reach of children.  
 P101 If medical advice is needed, have product container or label at hand.  
 P264 Wash hands thoroughly after handling.  
 P280 Wear eye protection / face protection.  
 P301+P312 If swallowed: Call a doctor if you feel unwell.  
 P302+P352 If on skin: Wash with plenty of soap and water.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P404 Store in a closed container.

**Additional information:**

Observe the general safety regulations when handling chemicals.

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**Special hazards arising from the substance or mixture**

No further relevant information available.

**Advice for firefighters**
**Protective equipment:**

Do not inhale explosion gases or combustion gases.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Produkt enthält Wasser und ist nicht brennbar.

**6 Accidental release measures**
**Personal precautions, protective equipment and emergency procedures**

Not required.

**Environmental precautions:**

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).

**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.

**Protective Action Criteria for Chemicals**
**PAC-1:**

None of the ingredients is listed.

**PAC-2:**

None of the ingredients is listed.

**PAC-3:**

None of the ingredients is listed.

**7 Handling and storage**
**Handling:**
**Precautions for safe handling**

No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:**

No special measures required.

The product is not flammable.

**Conditions for safe storage, including any incompatibilities**
**Storage:**
**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

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

Not required.

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**Further information about storage conditions:**

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

**Storage class:**

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**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:**

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 that were valid during the creation were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.  
Avoid contact with the eyes and skin.

**Breathing equipment:**

Use suitable respiratory protective device only when aerosol or mist is formed.

**Protection of hands:**

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.

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.5$  mm

**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

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

Nitrile rubber, NBR

**Eye protection:**

Goggles recommended during refilling.

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**Body protection:** Protective work clothing

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**9 Physical and chemical properties**

**Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Opaque
<b>Odor:</b>	Specific type
<b>Odor threshold:</b>	Not determined.

**pH-value at 20 °C (68 °F):** ~ 9 (DIN ISO 976)

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	~ 100 °C (~212 °F) (water)

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Not applicable.

**Decomposition temperature:** Not determined.

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

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapor pressure at 20 °C (68 °F):** ~ 23 hPa (~17.3 mm Hg)

**Density at 20 °C (68 °F):** ~ 1.0 g/cm<sup>3</sup> (~8.345 lbs/gal) (DIN EN ISO 2811-1)

**Relative density** Not determined.

**Evaporation rate** Not determined.

**Solubility in / Miscibility with**

**Water:** Fully miscible.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**

<b>Dynamic at 23 °C (73.4 °F):</b>	~ 58 mPas (DIN EN ISO 3219)
<b>Kinematic:</b>	Not determined.

**Solvent content:**

**VOC content:** 0.0 g/l / 0.00 lb/gl

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**Other information**

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 according to specifications.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.

**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values that are relevant for classification:**

61827-42-7 Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-

Oral | LD50 | &gt; 2000 mg/kg (rat)

**Primary irritant effect:**

<b>on the skin:</b>	No irritant effect.
<b>on the eye:</b>	No irritating effect.
<b>Sensitization:</b>	No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

**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.

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information****Toxicity**

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

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<b>Persistence and degradability</b>	No further relevant information available.
<b>Behavior in environmental systems:</b>	
<b>Bioaccumulative potential</b>	No further relevant information available.
<b>Mobility in soil</b>	No further relevant information available.
<b>Additional ecological information:</b>	
<b>General notes:</b>	Water hazard class 1 (Self-assessment): slightly hazardous for water
<b>Results of PBT and vPvB assessment</b>	
<b>PBT:</b>	Not applicable.
<b>vPvB:</b>	Not applicable.
<b>Other adverse effects</b>	No further relevant information available.

**13 Disposal considerations**

<b>Waste treatment methods</b>	
<b>Recommendation:</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
<b>Uncleaned packagings:</b>	
<b>Recommendation:</b>	Disposal must be made according to official regulations.
<b>Recommended cleansing agent:</b>	Water, if necessary with cleansing agents.

**14 Transport information**

<b>UN-Number</b> <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
<b>UN proper shipping name</b> <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
<b>Transport hazard class(es)</b> <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
<b>Packing group</b> <i>DOT, ADR, IMDG, IATA</i>	Void
<b>Environmental hazards:</b>	Not applicable.
<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):**

None of the ingredients is listed.

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

All ingredients are listed.

**Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogen categories**

**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**GHS label elements**

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

**Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P264 Wash hands thoroughly after handling.  
P280 Wear eye protection / face protection.  
P301+P312 If swallowed: Call a doctor if you feel unwell.

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P302+P352      If on skin: Wash with plenty of soap and water.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313      If eye irritation persists: Get medical advice/attention.  
 P404              Store in a closed container.

**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.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of preparation / last revision** 05/25/2018 / 2

**Abbreviations and acronyms:** 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  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 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)  
 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  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 REL: Recommended Exposure Limit  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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