

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.02.2010

Revision: 01.02.2010

### 1 Identification of the substance/preparation and of the company/undertaking

#### Product details

**Trade name:** **6607 Osmo Wood Reviver**

**Application of the substance / the preparation**

Surface cleanser  
Surface active agent

**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

**Information in case of emergency:**

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

### 2 Hazards identification

**Hazard description:** Not applicable.

**Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 3 Composition/information on ingredients

#### Chemical characterization

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

#### Dangerous components:

CAS: 144-62-7	oxalic acid	Xn; R 21/22	2.5-10%
EINECS: 205-634-3			

#### Regulation (EC) No 648/2004 on detergents / Labelling for contents

OXALIC ACID	< 5%
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**Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

**General information:** Immediately remove any clothing soiled by the product.

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**After inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**After skin contact:** In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

### 5 Fire-fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

**Measures for environmental protection:** Dilute with plenty of water.

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

**Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose contaminated material as waste according to item 13.

**Additional information:** No dangerous substances are released.

### 7 Handling and storage

**Handling:**

**Information for safe handling:** Keep receptacles tightly sealed.  
 When diluting always pour product into water and not vice versa.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:** Unsuitable material for receptacle: aluminium.  
 Unsuitable material for receptacle: steel.  
 Store only in the original receptacle.

**Information about storage in one common storage facility:** Do not store together with alkalis (caustic solutions).  
 Store away from oxidizing agents.  
 Store away from reducing agents.

**Further information about storage conditions:** Protect from frost.

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**8 Exposure controls/personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

**Ingredients with limit values that require monitoring at the workplace:****144-62-7 oxalic acid**

WEL	Short-term value: 2 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>
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**Additional information:** The lists valid during the making were used as basis.

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

Immediately remove all soiled and contaminated clothing  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes and skin.  
Do not eat or drink while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

**Respiratory protection:**

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

**Protection of hands:**

Protective gloves

Check protective gloves prior to each use for their proper condition.

Preventive skin protection by use of skin-protecting agents is recommended.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Material of gloves**

Nitrile rubber, NBR

**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

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

Nitrile rubber, NBR

**Eye protection:**

Goggles recommended during refilling

**Body protection:**

Acid resistant protective clothing

**9 Physical and chemical properties****General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless

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<b>Odour:</b>	Characteristic
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	0°C
<b>Boiling point/Boiling range:</b>	100°C
<b>Flash point:</b>	Not applicable.
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Vapour pressure at 20°C:</b>	23 hPa
<b>Density at 20°C:</b>	1 g/cm <sup>3</sup> (DIN 51757)
<b>Solubility in / Miscibility with water:</b>	Fully miscible.
<b>pH-value at 20°C:</b>	> 2

**10 Stability and reactivity**

<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Dangerous reactions</b>	No dangerous reactions known.
<b>Dangerous decomposition products:</b>	No dangerous decomposition products known.

**11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:****144-62-7 oxalic acid**

Oral | LD50 | 375 mg/kg (rat)

**Primary irritant effect:****on the skin:** Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

**12 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.

**13 Disposal considerations**

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

**European waste catalogue**

06 01 06	other acids
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.

**14 Transport information****Land transport ADR/RID (cross-border)****ADR/RID class:** -**Maritime transport IMDG:****IMDG Class:** -**Marine pollutant:** No**Air transport ICAO-TI and IATA-DGR:****ICAO/IATA Class:** -**15 Regulatory information****Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

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**Safety phrases:**

2	Keep out of the reach of children.
24/25	Avoid contact with skin and eyes.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

**Special labelling of certain preparations:** Safety data sheet available for professional user on request.

**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 MSDS:** product safety department

**Contact:** Hr. Dr. Starp

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