

**Safety data sheet**  
**According to 1907/2006/EC, Article 31**

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

- **Product identifier**
- **Tradename:** Holz-Entgrauer Gel No.5010
- **Articlenumber:** 5010
- **Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the preparation:** Product categories Washing and cleaning products (including solvent based products)
- **Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:**  
Ölia Naturfarben GmbH, regional branch  
[office@oelia.at](mailto:office@oelia.at)
- **Further information obtain able from:** department of product safety

**2. Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:** The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** Harmful in contact with skin and if swallowed. Xn ; R 21/22
- **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.
- **Label elements**
- **Labelling (67/548/EEC or 1999/45/EC):** 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.
- **Hazard symbols and hazard statements of dangerous substances and preparations:** Xn; Harmful
- **Hazard components for labelling:** oxalic acid dihydrate ; CAS No.: 6153-56-6
- **R-phrases**  
21/22 Harmful in contact with skin and if swallowed.
- **S-phrases**  
35 This material and its container must be disposed of in a safe way.  
51 Use only in well-ventilated areas.  
36/37 Wear suitable protective clothing and gloves.
- **Other hazards:** None known.
- **Results of PBT and vPvB assessment:** Not applicable

**3. Composition / information on ingredients**

- **Chemical characterization:** Mixtures
- **Dangerous components:**  
oxalic acid dihydrate ; EC No : 205-634-3; CAS No. : 6153-56-6  
Weight fraction: 5-10%  
Classification 67/548/EEC: Xn; R21/22  
Classification 1272/2008 [CLP]: Acute Tox. 4; H302 Acute Tox. 4; H312
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

**4. First aid measures**

- **Description of first aid measures**
- **General information:** When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Remove contaminated, saturated clothing immediately. In unconscious place in recovery position and seek medical advice.
- **After inhalation:** Supply fresh air. In case of respiratory tract irritation, consult doctor.
- **After skin contact:** Remove contaminated, saturated clothing immediately. Subsequently wash off with: Water. In case of skin reactions, consult doctor.

- **After eye contact:** In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. If necessary remove contact lenses and continue to flush with plenty of clean, fresh water.
- **After swallowing:**  
Call doctor immediately. Put victim at rest, cover with a blanket and keep warm. Do not induce vomiting. If vomiting occurs, be sure to avoid choking. Rinse mouth thoroughly with water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

## 5. Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** "Fire will produce dense black smoke. Exposure to danger decomposition products may cause a health hazard." In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)
- **Advice for firefighters**
- **Protective equipment:** Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Danger of slipping on spilled product. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. See protective measures under point 7 and 8.
- **Environmental precautions:** Do not allow to enter into surface water or drains. If the product contaminates drains, lakes, rivers or sewers, inform the appropriate authorities in accordance with local regulations.
- **Methods and material for containment and cleaning up:** Larger amounts have to be pumped out. Contain and collect small spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Wash with plenty of water.
- **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:** Avoid contact with skin and eyes. Keep container tightly closed. Never use pressure to empty container. Keep/Store only in original container. Comply with health and safety regulations. Do not allow to enter into surface water or drains.
- **Information about fire - and explosion protection:** No fire- and explosion danger.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage:** Store in accordance with local regulations.
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Keep away from: Alkali (lye). Acid. Oxidising agent. Storage class :12
- **Further information about storage conditions:** Observe label and technical data sheet precautions. Keep only in the original container in a cool, well-ventilated place. Protect against heat, frost. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- **Specific end use(s):** Cleaner and degreaser for wooden surfaces outdoors.

## 8. Exposure controls / personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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:** Safety data sheet of raw material suppliers or taken by accredited Laboratories or have been determined internally.

- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.
- **Skin protection:** After cleaning apply high-fat content skin care cream.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
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. (Contd. on page 3)
- **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.
- **Eye protection:** Suitable eye protection Eye glasses with side protection.

## 9. Physical and chemical properties

### • Information on basic physical and chemical properties

#### • General Information

#### • Appearance:

Form:	Fluid
Colour:	According to product specification
• Odour:	Characteristic
• Odour threshold:	Not determined
• pH-value:	4
• Solid content:	<30%
• Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
• Flash point:	Not applicable
• Flammability (solid, gaseous):	Not applicable
• Ignition temperature:	Not applicable
• Decomposition temperature:	Not determined
• Self-igniting:	Product is not self-igniting
• Danger of explosion:	Product does not present an explosion hazard
• Explosion limits:	
Lower:	Not determined
Upper:	Not determined
• Vapour pressure at 20 °C:	1 hPa
• Density at 20 °C:	0.99-1.02 g/cm <sup>3</sup>
• Relative density:	Not determined
• Vapour density:	Not determined
• Evaporation rate:	Not determined
• Solubility in / Miscibility with:	
water:	Soluble
• Partition coefficient (n-octanol/water):	Not determined
• Viscosity:	
Dynamic:	Not determined
Kinematic at 20 °C:	48 s (ISO 4 mm)
• VOC (EC):	1.0 g/l
• <u>Other information:</u>	No further relevant information available

## 10. Stability and reactivity

### • Reactivity

- **Chemical stability:** No dangerous reactivity under recommended usage, handling and storage. Stable under recommended usage, storage and handling conditions (see section 7).
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Thermal decomposition can lead to the escape of irritating gases and vapours.
- **Incompatible materials:** Alkali (lye). acid. Oxidising agent.

- **Hazardous decomposition products:** By combustion and thermal decomposition at high temperatures, the following chemicals can be produced: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>). carbon black.

## 11. Toxicological information

Toxicological data are not available. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

- **Information on toxicological effects**

- **Acute toxicity:**

- **Acute oral toxicity:**

Parameter: LD<sub>50</sub> (oxalic acid dihydrate ; CAS No. : 6153-56-6 )

Exposure route: Oral

Species : Rat

Effective dose: 375-475 mg/kg

- **Acute dermal toxicity:**

Parameter: LD<sub>50</sub> (oxalic acid dihydrate; CAS No.: 6153-56-6)

Exposure route: Dermal

Species: Rabbit

Effective dose: 20000 mg/kg

- **Primary irritant effect:**

- **on the skin:** Harmful in contact with skin and if swallowed. The mixture need not be classified as corrosive in spite of the extreme pH.

- **on the eye:** Risk of serious damage to eyes.

- **on the respiratory tract:** The product is: Not an irritant.

- **Sensitization:** No sensitizing effects known.

- **CMR effects:**

**Carcinogenicity:** Toxicological data are not available.

**Germ cell mutagenicity/Genotoxicity:** Toxicological data are not available.

**Reproductive toxicity:** Toxicological data are not available.

## 12. Ecological information

- **Toxicity**

- **Aquatic toxicity:**

- **Acute (short-term) fish toxicity:**

Parameter: LC<sub>50</sub> (oxalic acid dihydrate; CAS No.: 6153-56-6)

Species: *Carassius auratus* (goldfish)

Evaluation parameter: Acute (short-term) fish toxicity

Effective dose: 160 mg/l

Exposure time: 48 h

- **Acute (short-term) daphnia toxicity:**

Parameter: EC<sub>50</sub> (oxalic acid dihydrate; CAS No. : 6153-56-6)

Species: Acute (short-term) daphnia toxicity

Evaluation parameter: Acute (short-term) daphnia toxicity

Effective dose: 162,2 mg/l

Exposure time: 48 h

- **Persistence and degradability** The surfactants/soaps contained in this mixture meet the requirements of Detergents Regulation 648/2004/EC concerning their biodegradability.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential:** No indication of bioaccumulation potential.

- **Mobility in soil:** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Do not allow to enter into surface water or drains.

- **Results of PBT and vPvB assessment** This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

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

## 13. Disposal consideration

- **Waste treatment methods**

- **Recommendation:** Do not allow to enter into surface water or drains.

- **European waste catalogue:**

20 01 29 Detergents containing dangerous substances.

- **Uncleaned packaging:**

- **Recommendation:** 15 01 10 Packaging containing residues of or contaminated by dangerous substances. Packing which cannot be properly cleaned must be disposed of. Non-contaminated packages may be recycled.

#### 14. Transport information

• <b>UN-Number</b>	
• <b>ADR, ADN, IMDG, IATA</b>	No dangerous good in sense of this transport regulation
• <b>UN proper shipping name</b>	
• <b>ADR, ADN, IMDG, IATA</b>	No dangerous good in sense of this transport regulation
• <b>Transport hazard class(es)</b>	
• <b>ADR, ADN, IMDG, IATA</b>	
• <b>Class</b>	No dangerous good in sense of this transport regulation
• <b>Packing group</b>	
• <b>ADR, IMDG, IATA</b>	No dangerous good in sense of this transport regulation
• <b>Environmental hazards:</b>	
• <b>Marine pollutant:</b>	No dangerous good in sense of this transport regulation
• <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>	-

#### 15. Regulatory information

##### **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

##### **EU legislation**

Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer. Not applicable  
 Directive 96/82/EC for danger control following severe accidents with dangerous substances Not subject to 96/82/EC

##### **National regulations**

Restrictions of occupation. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

##### **Störfallverordnung**

Not subject to StörfallVO.

##### **Water hazard class (WGK)**

slightly hazardous to water (WGK 1) Classification according to VwVwS, Annex 4.

##### **Additional information**

Giscode : Not applicable.

##### **Chemical safety assessment:**

Chemical safety assessments for substances in this preparation were not carried out.

#### 16. Other information

**Indication of changes:** None

**Abbreviations and acronyms:** None

**Key literature references and sources for data:** Directive 67/548/EEC respectively 1999/45/EC in the current version. Regulation (EC) No. 1907/2006 (REACH), 1272/2008 (CLP) in the current version. Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] Transport regulations according ADR, RID, IMDG, IATA in the current version. Safety data sheet taken from raw material suppliers or taken by accredited Laboratories or have been determined internally.

##### **Classification for mixtures and used evaluation method according to regulation (EC)**

##### **1207/2008 [CLP]:**

##### **Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Acute Tox. 4; H312 - Acute toxicity (dermal): Category 4; Harmful in contact with skin.

Acute Tox. 4; H302 - Acute toxicity (oral): Category 4; Harmful if swallowed.

##### **Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Signal word:** Warning

**Hazard components for labelling:** oxalic acid dihydrate ; CAS No.: 6153-56-6

##### **Hazard Statements:**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

##### **Precautionary statements:**

P264 Wash ... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

*P310 Immediately call a POISON CENTER or doctor/physician.*

*P322 Specific measures (see ... on this label).*

*P501 Dispose of contents/container to ...*

**Relevant R-, H- and EUH-phrases (Number and full text):**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

21/22 Harmful in contact with skin and if swallowed.

**Training advice:** None