

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

- Product details
- Trade name: **Vision-Universal Re-Wetting Liquid**
- Application of the substance / the preparation Auxiliary for dental technology
- Manufacturer/ Supplier:

WOHLWEND AG
Platta 52, FL-9488 Schellenberg
Tel. +423 373 42 43
Fax +423 373 42 44
E-Mail: info@wohlwend-ag.com

- Further information obtainable from: Technical Operations

* Information in case of emergency:

Office of Public Health, Medical Devices, FL-9490 Vaduz

2 Hazards identification

- **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 last valid version.

- **Classification systems:**

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 substance listed below with nonhazardous additions.

Mixture: consisting of the following components. Glass, Ceramics

- **Dangerous components:**

CAS: 57-55-6	Propylene glycol	min. 92%
CAS: 7646-85-7	Zinkchlorid ZnCl ₂	< 0,5%
CAS: 7631-86-9	Aerosil	max. 5%
	Water	balance

- **Additional information:** For the wording of listed risk phrases refer to selection 16.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctors 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.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**

CO₂, powder or water sprays, Fight larger fire water spray or alcohol resistant foam.

- **Protective equipment:** No special measures required..

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measure for environmental protection:** No special measures required.
- **Measure for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire- and explosion protection:** No special measures required.
- **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:** None

8 Exposure controls/personal protections

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

- **Ingredients with limit values that require monitoring at the workplace:**

57-55-6 glycol

WEL ()	Long-term value: 474* 10** mg/m ³ 150* ppm *total vapour and particulates **particulates
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **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 glove material on consideration of the penetration time, rate 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 substance, 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed
- **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

- **General Information**

Form:	Liquid
Colour:	Colourless
Odour:	Characteristic
• Change in condition	
Melting point/ Melting range:	-60°C
Boiling point/ Boiling range:	Undetermined
• Flash point:	107°C
• Ignition temperature :	414°C
• Self- igniting :	Product is not self igniting
• Danger of explosion:	Product does not present an explosion hazard
Explosion limit	
Lower	2.6 Vol%
Upper	12.6 Vol%
• Vapour pressure at 20°C:	0,1 hPa
• Density:	Not determined
• Solubility in/ Miscibility with water	Soluble.

• Solvent content Organic solvents	99.0%
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10 Stability and reactivity

- **Thermal decomposition/ conditions to be avoided:**
No decomposition if used according to be specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effects:**
- **on the skin:** no irritant effects.
- **on the eyes:** no irritant effects.
- **Sensitization:** No sensitizing effects known.
- **Addition toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guideline for Preparations as issued in the latest version.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal consideration

- **Product:**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be according to official regulations

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).

16 Others information

Department issuing MSDS: Research and Development
Wohlwend AG, Tel. +423 373 4243