

# EC – safety data sheet

Yeti Dental Products GmbH  
according to (EC) 1907/2006, Article 31  
**Surface Marker / K2-LF- Liquid**

Publisher: Yeti Dental Products GmbH  
Print Date: March 9, 2024  
Revised: March 8, 2024, Version 2  
Replaces: Version 1 dated April 1, 2012,

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## Section 1. Name of substance / preparation and company

Name of the substance: Surface Liquid, K2-LF Glasur Fluid  
Item Number: 319-0025, 344-0050

Relevant identified uses of the substance or mixture and uses advised against  
Use of the substance: Aids in dental technology  
Other use: Not permitted. No further relevant data available

Details of the supplier providing the safety data sheet. Manufacturer/Supplier  
YETI Dental Products GmbH  
Industriestraße 3, D-78234 Engen,  
Tel. (0049)07733-94100, fax. (0049)07733-941022  
[info@yeti-dental.com](mailto:info@yeti-dental.com)  
(Monday.-Thursday 8.00h-16.30h, Friday 8.00h-15.00h)

Department providing information: Technical Department / Laboratory  
**Emergency number:** 0049-7733-9410-0

## Section 2. Possible dangers Classification of the substance or mixture

- 2.1** Classification according to Regulation (EC) No. 1272/2008  
The product is not classified according to the CLP regulation.
- 2.2** Label elements Labeling according to Regulation (EC) No. 1272/2008 is not applicable  
There are no hazard pictograms No signal word Danger notices are omitted
- 2.3** Other hazards Results of the PBT and vPvB assessment  
PBT: Not applicable.  
vPvB: Not applicable

## Section 3. Composition / information on ingredients

**Chemical characterization: Mixtures · Description:** Only those substances that are mandatory in accordance with Annex II of regulation 1907/2006 are listed. Information on other substances that may be present can be provided on request.

**Hazardous ingredients:** not applicable

**Additional information:** The wording of the listed hazard warnings can be found in section 16

## Section 4. First aid measures

**Description of the first aid measures General information:** No special actions required.  
Consult a doctor if symptoms persist.

**After inhalation:** Take the affected person out into the fresh air and lay them down quietly. **After skin contact:** Wash off immediately with water. **After eye contact:** Rinse eyes under running water for several minutes with the eyelid wide open. Consult a doctor if symptoms persist. **After swallowing:** Rinse out mouth and then drink plenty of water. Consult a doctor if symptoms persist.  
**Most important symptoms and effects, both acute and delayed** No further relevant information available. **Indication of immediate medical attention or special treatment** No further relevant information available

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## Section 5. Fire-fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam. Use fire fighting measures that suit the environment.

**Unsuitable extinguishing media for safety reasons:** full jet of water **Special hazards arising from the substance or mixture** Formation of toxic gases is possible when heated or in case of fire.

**Advice for firefighters:** Special protective equipment: Wear self-contained breathing apparatus. ·

**Additional information** Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Bring people to safety  
**Environmental precautions:** Do not allow to enter sewers or bodies of water. Do not allow to get into the subsoil / soil. · **Methods and material for containment and cleaning up:** Absorb liquid components with liquid-binding material. The captured material disposed of properly. **Reference to other sections:** For information on personal protective equipment, see Section 8. Information on disposal, see section 13. 7 Handling and storage Precautions for safe handling No special measures required if used properly.

## Section 7. for information on safe handling.

**Information about fire and explosion protection:** No special actions required. **Conditions for safe storage, including any incompatibilities** Requirements for storage rooms and containers: Store only in the unopened original container. Advice on common storage: Store away from food. **Further information on storage conditions:** None. · **Storage class:** · **VbF class:** not applicable **Specific end use (s):** No further relevant information available.

## Section 8. Exposure controls and personal protective equipment

**Additional information on the design of technical systems:** No further information, see Section 7.  
**Control parameters Components with workplace-related limit values to be monitored:** The product does not contain any relevant quantities of substances with limit values that require monitoring at the workplace. **Additional information:** The lists valid during the creation were used as the basis. · **Exposure controls** · **Personal protective equipment:** · **General protective and hygienic measures:** The usual precautionary measures when handling chemicals must be observed. Do not breathe dust / smoke / mist. Wash hands before breaks and at the end of work. · **Respiratory protection:** Respiratory protection recommended. · **Hand protection:** Protective gloves · **Glove material** The selection of a suitable glove does not only depend on the material, but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and must therefore be checked prior to use. · **Penetration time of the glove material** The exact break through time can be found out by the manufacturer of the protective gloves and has to be observed. · **Eye protection:** safety glasses

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## Section 9. Physico-chemical properties

**Information on basic physical and chemical properties general information** Form: liquid Color: According to product description Odor: characteristic Odor threshold: Not determined pH value Not determined Melting point / melting range: Not determined. Boiling point / boiling range: determined. · Flash point: Not applicable. · Flammability (solid, gaseous): Not applicable. · Ignition temperature Not determined. · Decomposition temperature Not determined. · Self-igniting: The product is not self-igniting. · Danger of explosion: The product is not explosive. · Explosion limits: Lower: Not determined. Upper: Not determined. · Vapor pressure: Not applicable. · Density: Not determined Relative density Not determined. · Vapor density Not applicable. · Evaporation rate Not applicable. · Solubility in / Miscibility with Water Fully miscible. · Distribution  
**9.2 Other information:** No further relevant information available

## Section 10. Stability and reactivity

**Reactivity** No further relevant information available. · **Chemical stability** Thermal decomposition / conditions to be avoided: No decomposition if used as directed. · **Possibility of hazardous reactions** No dangerous reactions known. · **Conditions to Avoid** No further relevant information available. · **Incompatible materials:** No further relevant information available. · **Hazardous decomposition products:** No dangerous decomposition products known.

## Section 11. Toxicological information

**Acute toxicity: Classification relevant LD / LC50 values:** No further relevant information available. · **Primary irritant effect Skin corrosion / irritation** Based on the available data, the Classification criteria not met. · **Mild eye damage / irritation** Based on the available data, the Classification criteria not met. · **Respiratory or skin sensitization** Based on the available data, the Classification criteria not met. · **Toxicity b. repeated exposure** No further relevant information available. **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** No further relevant information available. · **Germ cell mutagenicity** Based on the available data, the Classification criteria not met. · **Carcinogenicity** Based on the available data, the Classification criteria not met. · **Reproductive toxicity** Based on the available data, the Classification criteria not met. · **Specific target organ toxicity** after single exposure Based on the data available, the Classification criteria not met. **Specific target organ toxicity after repeated exposure** Based on the data available, the Classification criteria not met. · **Aspiration hazard** Based on the available data, the classification criteria are not met.

## Section 12. Information on ecology

**Toxicity · Aquatic toxicity:** No further relevant information available. · **Persistence and degradability** No further relevant information available. · **Bioaccumulative** potential No further relevant information available. · **Mobility in soil** No further relevant information available. **Additional ecological information:**  
**General information:** Water hazard class 1 (self-assessment): slightly hazardous to water Do not allow undiluted product or large quantities of it to reach groundwater, waterways or sewage system  
**PBT and vPvB assessment** · PBT: Not applicable. · vPvB: Not applicable.  
**Other adverse effects** No further relevant information available

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## Section 13. Disposal considerations

**Waste treatment methods · Recommendation:** Smaller quantities can be disposed of with household waste. **European waste catalog** 18 00 00 WASTE FROM HUMAN MEDICAL OR VETERINARY CARE AND RESEARCH (EXCLUDING KITCHEN AND RESTAURANT WASTE NOT FROM DIRECT HEALTH CARE) 18 01 00 wastes from obstetrics, diagnosis, treatment or prevention of diseases in humans 18 01 07 chemicals other than those mentioned in 18 01 06 **Uncleaned packaging Recommendation:** Disposal according to official regulations. · **Recommended cleaning agent:** water, if necessary with the addition of cleaning agents

## Section 14. Transport information

**UN number · ADR, ADN, IMDG, IATA** not applicable **UN proper shipping name · ADR, ADN, IMDG, IATA** not applicable **Transport hazard class · ADR, ADN, IMDG, IATA** · Class not applicable **Packing group · ADR, IMDG, IATA** not applicable **Environmental hazards:** · Marine pollutant: No. **Special precautions for user** Not applicable. **Transport in bulk according to Annex II of MARPOL73 / 78 and the IBC Code** Not applicable. **UN "Model Regulation":** not applicable

## Section 15. Regulations Safety

**health and environmental regulations / legislation specific for the substance or mixture · Classification according to VbF:** not applicable · **ÖNORM M 9485: Class share in% water** 0.1 NK 99.9 **Chemical safety assessment:** A chemical safety assessment has not been carried out

## Section 16. Other information

### Classification according to Regulation (EC) No. 1272/2008 Calculation method

The information contained herein is believed to be truthful and accurate. However, none of the statements, recommendations or suggestions expressly or implicitly contain a guarantee or warranty on our part. We therefore do not guarantee the correctness and completeness of this document and do not accept any liability

The information contained herein is believed to be truthful and accurate. However, any statements, recommendations or suggestions do not constitute any express or implied guarantee or warranty on our part. Therefore, we do not guarantee the accuracy or completeness of this document and disclaim any liability in connection with the use of this information or the products cited in it. The buyer/end user bears the full risk. The information contained herein is subject to change without notice.

The statements in this safety data sheet correspond to our current state of knowledge and comply with national and European regulations. The user's other working conditions are not subject to any control or knowledge. The product may not be used for purposes other than those specified in Part 1 without written permission. The user is responsible for compliance with all necessary legal regulations.

The safety data sheet is used to describe products with regard to necessary safety measures. The information does not have the meaning of quality guarantees and does not constitute a contractual legal relationship. Liability of any kind is excluded.

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## Abbreviations and acronyms:

<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>BKF</b>	bioconcentration factor
<b>ATE</b>	acute toxicity estimate
<b>DMEL</b>	Derived exposure level with minimal adverse effects
<b>DNEL</b>	Derived exposure level without adverse effects
<b>IATA</b>	Association for International Air Transport
<b>IMDG</b>	dangerous goods regulations for international sea transport
<b>RID</b>	regulations for the international carriage of dangerous goods by rail
<b>DOT</b>	Department of Transportation
<b>TDG</b>	dangerous goods transport
<b>REACH</b>	Regulation on the Registration, Evaluation, Authorization and Restriction of Chemical Substances, Regulation (EC) No. 1907/2006
<b>GHS</b>	Global Harmonized System of Classification and Labeling of Chemicals
<b>IARC</b>	International Agency for Research on Cancer
<b>vPvB</b>	Very persistent and very bioaccumulative
<b>PBT</b>	Persistent, bioaccumulative and toxic substance
<b>PNEC</b>	Estimated no-effect concentration
<b>IBC</b>	Code International safety regulation for the carriage of hazardous chemicals and harmful liquids in bulk by sea
<b>CLP</b>	Regulation on Classification, Labeling and Packaging; Regulation (EC) No. 1272/2008 MARPOL 73/78 MARPOL 73/78: The International Convention for the Prevention of Pollution from Ships
<b>ADG</b>	Australian dangerous goods transport
<b>BLV</b>	biological limit value
<b>BOD</b>	Biochemical Oxygen Demand (BOD)
<b>COD</b>	Chemical oxygen demand (COD)
<b>EC</b>	European Community number
<b>EC50</b>	Average effective concentration
<b>EN</b>	European standard
<b>LC50</b>	Concentration lethal for 50% of a test population
<b>LD50</b>	Lethal dose for 50% of a test population (median lethal dose)
<b>LOAEL</b>	Lowest dose with observable adverse effect
<b>NOAEC</b>	concentration with no observable adverse effect
<b>NOAEL</b>	dose with no observable adverse effect
<b>NOEC</b>	Highest concentration tested with no observed adverse effects
<b>OECD</b>	Organization for Economic Cooperation and Development
<b>OEL</b>	workplace limit value
<b>SDB</b>	Safety data sheet
<b>STP</b>	treatment plant