

# Safety Data Sheet

## according to Regulation 1907/2006/EC Article 31

Revision Date: 30.01.2013

Version: 1

Date of Print: 13.05.2013

**1. Product identification/preparation /company undertaking**

**Trade name:** **GO easy! F-Mix**

**Use of the preparation:** Dental varnish

**Manufacturer/supplier:** First Scientific Dental Materials GmbH  
D-25335 Elmshorn, Germany  
mail@f-scientific-dm.com

**Emergency information:** ++49 (0) 4121 90 95 08

**2. Hazards identification**

**Classification of substance**

**Classification according to Directive 67/548/EEC or Directive 1999/45/EEC** R10 Flammable

**Classification system:** Classification corresponds to actual EC guidelines, however completed with details from technical literature and company data.

**Labeling according to EU guidelines:** As a medical device the product is not subject to labeling regulations under directive 1272/2008/EC

**Safety phrases:** S7 Keep container tightly closed  
S16 Keep away from sources of ignition – No smoking  
S23 Do not breathe fumes/aerosols

**3. Composition/Information of Ingredients**

**Chemical characterization:** Slurry of potassiumfluoride, calciumfluoride and fluorapatite in ethanol

**Description:****Hazardous components:**

<u>CAS-No.</u>	<u>Name</u>	<u>R-classification</u>
64-17-5	Ethanol	F, R11
7789-23-3	Potassium fluoride	T, R23,24,25

**4. First-aid measures**

**General information:** Seek medical advice, if symptoms occur, which can be caused by the product.

**after skin contact:** Wash with plenty of water and soap.

**after eye contact:** Rinse with plenty of water and consult a physician.

**after swallowing:** Seek medical advice immediately.

**5. Fire fighting measures**

**Extinguishing media:** CO<sub>2</sub>, water spray, powder.

**Protective equipment:** Chose in dependence to surrounding fire.

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**6. Accidental release measures**

<b>Personal precautions:</b>	Wear protective equipment
<b>Environmental precautions:</b>	Do not allow to enter sewerage system.
<b>Methods for cleaning up:</b>	Wipe out with absorbent material.
<b>Additional information:</b>	None.

**7. Handling and storage**

<b>Handling:</b>	The product should only be supplied to or handled by dentists or dental technicians or upon their instructions.
<b>Handling procedures:</b>	no procedures, if correctly handled
<b>Recommendation for fire and explosion protection:</b>	keep away from heat and fire. Take measure to prevent electrostatic charge
<b>Storage:</b>	Store at dry place, at room temperature
<b>Requirements at storerooms and containers:</b>	
<b>Requirements for storage with other products:</b>	Store away from food stuffs.
<b>Additional storage conditions:</b>	Keep containers closed.

**8. Exposure controls/personal protection**

**Additional information for technical plants:**

**Components with limits of values to be supervised at the workplace:**

CAS-No.	Name	art	value	unit
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The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

**Additional information:**

**Personal protective equipment:**

<b>General measures of protection and hygiene:</b>	Normal hygienic measures.
<b>respiration:</b>	Not required
<b>hands:</b>	Not required
<b>eyes:</b>	Not required

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**9. Physical and chemical properties****Appearance**

<b>Form:</b>	gel		
<b>Color:</b>	white-transparent		
<b>Odor:</b>	mint-like		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>

**Information on change in the physical state**

<b>Melting point/melting range:</b>	n.a.
<b>Boiling point/boiling range:</b>	n.a.
<b>Flash point:</b>	n.a.
<b>Autoignition temperature:</b>	Product is not selfigniting
<b>Danger of explosion:</b>	Product does not present an explosion hazard
<b>Density:</b>	ca. 1.1 g/cm <sup>3</sup>
<b>Viscosity:</b>	n.d.
<b>pH:</b>	n.a.
<b>Solubility in/miscibility with:</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Content of solvents:</b>	
<b>Organic solvents:</b>	Ethanol
<b>Water:</b>	-
<b>Content of solids:</b>	-

**10. Stability and reactivity**

	No decomposition if used according to specifications.
<b>Incompatibility with other substances:</b>	Acids
<b>Hazardous decomposition products:</b>	Not known.

**11. Toxicological information**

<b>Acute toxicity:</b>	Potassium fluoride: LD50 rat (oral): 245 mg/kg
<b>Primary irritation:</b>	
<b>skin:</b>	No irritating effect
<b>eye:</b>	No irritating effect
<b>Sensitization of product:</b>	No sensitizing effect known
<b>Additional toxicological information:</b>	The product is not subject to classification according to the calculation method of general EU Classification Guidelines for Preparations as issued in the latest version.

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**12. Ecological information**

**General information:** Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.

**Classification of water endangerment: (self estimation)** WGK=1 (German Regulation) (slightly polluting substance).

**13. Disposal consideration**

**Product:**

**Recommendation:** Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

**Disposal key number:**

**Uncleaned packaging:** Handle contaminated packaging in the same way as the substance itself.

**Recommendation:**

**14. Transport information**

**Land transport ADR/RID and GGVS/GGVE (Germany)** UN 1993  
ENTZÜNDBARER FLÜSSIGER STOFF N.A.:G.  
(Ethanol) 3,II

**Sea transport IMDG** UN 1993  
FLAMMABLE LIQUID, N.O.S.  
(Ethanol) 3, II  
EmS: F-E S-D

**Air transport ICAO-TI and IATA-DGR** UN 1993  
FLAMMABLE LIQUID, N.O.S.  
(Ethanol) 3, II

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

**15. Regulatory information**

**Labeling according to EC-guidelines:** As a medical device the product is not subject to labeling regulations under directive 1272/2008/EC

**16. Other information:**

**Changes compared with the previous version:**

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.