

YETIVEST Special-Liquid

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Identification of the substance or preparation: *YETIVEST Special-Liquid Art.931-1000*

Use of the substance/preparation: Expansion Liquid for investment material

Company/undertaking identification: YETI Dentalprodukte GmbH
Industriestr.3
78234 Engen
GERMANY

Technical information: Application technique Tel. +49(0)7733-94100

Telephone / fax / email: +49(0)7733-94100 / +49(0)7733-941022
E-Mail:sdb@yeti-dental.com

Emergency telephone: +49 7733-9410-0 (Mo.-Thu. 8.00 –16.30, Fr.8.00 – 14.30)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation

2.2 Pictogram, signal word, hazard information, safety information:

Not applicable

03. COMPOSITION/INFORMATION ON INGREDIENTS

chemical characterization Aqueous solution of colloidal silica Hazardous ingredients: not applicable -

Please see chapter 16. OTHER INFORMATION for the wording of the above mentioned R phrases.

04. FIRST AID MEASURES

Inhalation

Fresh air

Eye contact

Rinse the opened eye with plenty of water for 15 minutes.

Skin contact

Wash areas in contact with soap and water.

Ingestion

Don't try to induce vomiting, rinse your mouth and drink plenty of water, seek for medical assistance in case of complaints

05. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media CO₂, extinguishing powder, Water spray
- 5.2 Special hazards arising from the substance or mixture No information available
- 5.3 Special protective equipment for fire fighting No special actions required

06. ACCIDENTAL RELEASE MEASURES

Personal precautions and methods for cleaning up

Builds slippery films, therefore absorb mechanically immediately and rinse the rests with plenty of water.

Environmental precautions

Please see chapters 08. EXPOSURE CONTROLS/PERSONAL PROTECTION and 13. DISPOSAL CONSIDERATIONS

07. HANDLING AND STORAGE

Precautions for safe handling and conditions for safe storage

Prevent from freezing.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values and/or biological limit values**Minimisation of exposure and exposure control****a) Equipment for individual protection**

The type of equipment for individual protection has to be chosen according to concentration and quantity of hazardous compounds.

Safety Data Sheet

YETI Dental GmbH

According to (EG) No. 1907/2006 (REACH)

Respiratory protection:	not mandatory
Hand protection:	Protective gloves (Butylkautschuk 0,7mm / Nitrilkautschuk 0,4mm)
Eye protection:	goggles
Body protection:	no protective suite or boots are necessary if the product is used as indicated

b) Specific hygiene measures

The usual protective measures for handling chemical substances have to be observed.

c) Environmental exposure controls

Please see chapters 06. ACCIDENTAL RELEASE MEASURES and 07. HANDLING AND STORAGE. No further methods are required.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state:	liquid
Colour :	colourless
Odour :	odourless

Important health, safety and environmental information

Lower explosive limit :	Vol%	Upper explosive limit :	Vol%
Vapour pressure : (20 °C)	20 mbar	Vapour pressure : (50 °C)	mbar
Density : (20 °C)	g/cm ³	Bulk density : (20 °C)	g/cm ³
Viscosity: (20 °C)	<20 (dynamic) mPa*s		
Water solubility: (20 °C)	mixable g/l	pH value (20 °C)	approx. 10
Boiling point / range : (1013 mbar)	approx. 100°C	Setting point: (1013 hPa)	°C
Melting point:	°C	Solidification point:	°C
Flash point :	Not applicable	Ignition temperature :	Not applicable

The product is neither self-igniting nor explosive
Additional physical and chemical properties are not available.

10. STABILITY AND REACTIVITY

Conditions to Avoid: No relevant information available
Substances to be avoided: No relevant information available
Hazardous decomposition: products If used properly, none known.

11. TOXICOLOGICAL INFORMATION

acute toxicity	based on the available data, the classification criteria are not met
Skin corrosion / irritation	based on the available data, the classification criteria are not met
serious eye damage / irritation	based on the available data, the classification criteria are not met
Respiratory / skin sensitization	based on the available data, the classification criteria are not met
Germ cell mutagenicity	based on the available data, the classification criteria are not met
Carcinogenicity	based on the available data, the classification criteria are not met
Reproductive toxicity	based on the available data, the classification criteria are not met
Specific target organ toxicity	after single exposure based on the available data, the classification criteria are not met
Specific target organ toxicity	after repeated exposure based on the available data, the classification criteria are not met
Aspiration hazard	based on the available data, the classification criteria are not met

12. ECOLOGICAL INFORMATION

12.1 Toxicity no further information available
12.2 Persistence / degradability no further information available
12.3 Bioaccumulative potency. no further information available
12.4 Mobility in soil no additional information available Generally not hazardous to water
12.5 Assessment of PBT / vPvB not applicable
12.6 other adverse effects no further information available

13. DISPOSAL CONSIDERATIONS

Substance / preparation and waste code according to the Waste Catalog Ordinance (AVV) Smaller quantities can be disposed of with household waste Recommendation: Disposal according to official regulations
European waste catalog: 180106

14. TRANSPORT INFORMATION

Transport by road / rail ADR/RID

Class :

UN number:

Proper shipping name:

Packing Group:

Transport by sea IMDG/GGVSee

IMDG code :

UN number :

EmS:

Marine Pollutant:

Proper shipping name:

Packing Group:

Transport by air ICAO-TI and IATA-DGR

Class :

UN number :

Proper shipping name:

Packing Group:

15. REGULATORY INFORMATION

Other information

No dangerous good for transport, sensitive to temperatures below +5°C and above +35°C.

EC Regulations

No labelling necessary according to EU regulations.

Safety assessment

A safety assessment of ingredients of this preparation was not performed.

National regulations

Water hazard class

0 - not hazardous to water according to VwVwS, Annex 4 (Germany)

16. OTHER INFORMATION

Recommendations for use-restriction by the supplier

Only for professional, industrial use – not for public,

References: <http://www.baua.de>
<http://www.arbeitssicherheit.de>

The information given is based on our actual state of knowledge. The safety data sheet describes the product regarding safety requirements. The indications do not have the meaning of guaranties on properties. Not completed columns indicate that data are not available. Therefore they don't induce the presumption that there are no dangers in this column. The indications don't establish any legal relationship.