

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name : FixGel

Article-No. : 200-0000

Revision Date : 10.10.2019

Version : 1.5 /en



Replaces version from : 20.09.2019

Print date : 10.10.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name FixGel

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Auxiliary for dental technology

1.3 Details of the supplier of the safety data sheet

Company designation HPdent GmbH
Erwin-Dietrich-Straße 5
78244 Gottmadingen
+49 7731 38 11 044
+49 7731 31 97 123
kontakt@hp-dent.com

1.4 Emergency telephone number

Emergency telephone number During opening hours: +49 7731 38 11 044 Opening hours Mo – Th
from 8.30 a.m. to 5 p.m. / Fr from 08.30 a.m. to 4 p.m. (CET).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Reg- This product is classified as not hazardous according to regulation
ulation (EC) No. 1272/2008 (EC) 1272/2008 [CLP].

SECTION 3: Composition/information on ingredients

Chemical characterization Mixtures

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
benzyl alcohol	CAS No. : 100-51-6 EC-No. : 202-859-9 Index-No. : 603-057-00-5	Acute Tox. 4 ; H332 Acute Tox. 4 ; H302	< 1.0 %
sodium hydroxide; caus- tic soda	CAS No. : 1310-73-2 EC-No. : 215-185-5 Index-No. : 011-002-00-6	Skin Corr. 1A; H314	< 1.0 %

Other data The mixture is classified as not hazardous according to regulation
(EC) No 1272/2008 [CLP].

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SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled	Provide fresh air. Call a doctor if you feel unwell.
In case of skin contact	Wash with plenty of soap and water.
In case of eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	Call a doctor if you feel unwell.
Notes to physician	Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	No further relevant information available.
Extinguishing media which must not be used for safety reasons	No further relevant information available.

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	No further relevant information available.
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5.3 Advice for firefighters

Special protective equipment for firefighting	No further relevant information available.
Additional information on firefighting	No further relevant information available.
Classification of fires	No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	No hazardous reaction when handled and stored according to provisions.
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6.2 Environmental precautions

Environmental precautions Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Take up mechanically.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Avoid product spillage.

Precautions No further relevant information available.

Advice on protection against fire and explosion No further relevant information available.

Ignition group No further relevant information available.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Store in a cool dry place.

Storage specifications Store in a cool dry place.

German storage class No further relevant information available.

Storage class (CEA) No further relevant information available.

7.3 Specific end use(s)

Specific use(s) Follow use instructions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

benzyl alcohol

Germany					
Value / ppm	Value / mg/m ³	Ceiling Limit Value	Remarks	Issuing date	Source
5	22	2(l)	*1) Skin resorptive. *2) Sum of steam and aerosols.	09/17	TRGS 900

*1): Senate Commission on the Testing of Health Hazardous Materials of the German Research Community.

*2): A risk of damage to the fruit need not be feared if the workplace limit value and the biological limit value (BGW) are observed.

Finland			
Long-term exposure value/ ppm	Long-term exposure value/ mg/m ³	Issuing date	Source

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10	45	2009	HTTP-avot 2012:5 HAITAL-LISIKSI TUNNETUT PITOISU- UDET
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Poland	
Long-term exposure value/ mg/m3	Source
240	ROZPORZADZENIE MINISTRA PRACY I POLITYKI SPOLECZNEJ1) z dnia 16 czerw...

Switzerland					
Long-term exposure value/ ppm	Long-term exposure value/ mg/m3	Notations	Critical toxicity	Remarks	Source
5	22	H SSC	AW	*1) (see 1.10.3)	SUVA Switzerland 2017

*1): Der Stoff kann gleichzeitig als Dampf und Aerosol vorliegen.

USA	
Long-term exposure value/ ppm	Source
10	83

Czech Republic		
Long-term exposure value/ mg/m3	Short-term exposure value / mg/m3	Source
40	80	NARÍZENÍ VLÁDY ze dne 12.prosince 2007 kterym se stanoví podmínky oc...

Lithuania		
Short-term exposure value / mg/m3	Note	Source
5	O Ū	36

Bulgaria	
Long-term exposure value/ mg/m3	Source
5	81

Latvia	
Long-term exposure value/ mg/m3	Source
5	78

sodium hydroxide; caustic soda

Denmark		
Value / mg/m3	Note	Source
2	L	Bekendtgørelse om ændring af bekendtgørelse om grænseværdier for ...

Norway		
Value / mg/m3	Note	Source

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2	T	Veiledning om administrative normer for forurensning i arbeidsatmosfæ...
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Sweden					
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Issuing date	Note	Remarks	Source
1	2	2005	Inhalable fraction	*1)	HYGIENISKA GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR 2011:18

*1): With dusts the dust content means that in the Swedish standard EN 481, workplace atmosphere is defined? Size fraction definition for the measurement of suspended particles, edition 1, 1993, paragraph 2.3 and has a sampling characteristic according to paragraph 5. 1.

Finland			
Short-term exposure value / mg/m ³	Remarks	Issuing date	Source
2	Workplace limit value	2007	HTTP-arvot 2012:5 HAITALISIKSI TUNNETUT PITOISU- UDET

Poland		
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Source
0,5	1	ROZPORZADZENIE MINISTRA PRACY I POLITYKI SPOLECZNEJ1) z dnia 16 czerw...

Austria					
Area of validity	Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Duration	Frequency per shift	Source
MAK	2	4	5(Mow)	8x	Stoffliste (MAK-Werte und TRK-Werte 2012)

Switzerland				
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Notations	Critical toxicity	Source
2 e	2 e	SSC	Skin OAW & eye	SUVA Switzerland 2017

Spain	
Short-term exposure value / mg/m ³	Source
2	Límites de exposición profesional para Agentes Químicos 2014

France

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Long-term exposure value/ mg/m3	FT n°	Issuing date	Source
2	20	1985	Valeurs limites d'exposition professionnelle aux agents chimiques en ...

Belgium		
Long-term exposure value/ mg/m3	Note	Source
2	M	Liste de valeurs limites d'expositions professionnelle aux agents ...

Great Britain	
Short-term exposure value / mg/m3	Source
2	EH40/2005 Workplace exposure limits (2011)

Czech Republic			
Long-term exposure value/ mg/m3	Short-term exposure value / mg/m3	Note	Source
1	2	I	NARÍZENÍ VLÁDY ze dne 12.prosince 2007 kterym se stanoví podmínky oc...

Ireland	
Short-term exposure value / mg/m3	Source
2	Code of Practice for the Safety Health and Welfare at Work (2011)

Hungary				
Long-term exposure value/ mg/m3	Short-term exposure value / mg/m3	Note	Remarks	Source
2	2	m	I.	25/2000. (IX. 30.) EüM-SzCsM együttes rendelet a munkahelyek kémiai b...

Estonia		
Long-term exposure value/ mg/m3	Short-term exposure value / mg/m3	Source
1	2*	Töökeskkonna keemiliste ohutegurite piirnormid 11.10.2007 nr 223 (RT ...

Slovenia			
Long-term exposure value/ mg/m3	Ceiling Limit Value	Remarks	Source
2 (I)	1	Y	77

Lithuania		
Maximum admissible concentration /mg/m3	Note	Source

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2	Ü	36
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Bulgaria	
Long-term exposure value/ mg/m ³	Source
2	81

Latvia	
Long-term exposure value/ mg/m ³	Source
0,5	78

Romania		
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Source
1	3	79

Greece		
Long-term exposure value/ mg/m ³	Short-term exposure value / mg/m ³	Source
2	2	80

8.2 Exposure controls

Respiratory protection	No hazardous reaction when handled and stored according to provisions.
General protective and hygiene measures	Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Gel
Colour	white
Additional information on colour	transparent
Odour	odourless
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	~ 100 °C
Evaporation rate [kg/(s*m ²)]	> 130 °C
Explosion limits [Vol-%]	not explosive.
Vapour pressure [kPa]	not determined

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Vapour density	not determined
Relative density	not determined
Solubility	completely miscible
Water solubility [g/l]	soluble
Viscosity, dynamic [kg/(m*s)]	11.000 mPa-s@ 20 °C
Viscosity, kinematic [mm ² /s]	not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity Water, SODIUM CHLORITE

10.2 Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

10.4 Conditions to avoid

Conditions to avoid No hazardous reaction when handled and stored according to provisions.

10.5 Incompatible materials

Materials to avoid No hazardous reaction when handled and stored according to provisions.

10.6 Hazardous decomposition products

Hazardous decomposition products No hazardous reaction when handled and stored according to provisions.

SECTION 11: Toxicological information

11.2 Additional information

Other information (chapter 11.) Toxicological data are not available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l] No further relevant information available.

Toxicity to daphnia [mg/l] No further relevant information available.

Toxicity to algae [mg/l] No further relevant information available.

Aquatic toxicity [mg/l] No further relevant information available.

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12.2 Persistence and degradability

Elimination and distribution mechanisms No further relevant information available.

12.3 Bioaccumulative potential

Bioaccumulation No further data available.

12.4 Mobility in soil

Mobility

Mobility No further data available.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination Not applicable

Results of PBT and vPvB assessment Not applicable

12.6 Other adverse effects

Further information on ecology No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Dispose of waste according to applicable legislation.

Waste Code The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.3 Transport hazard class(es)	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class (self-classification) slightly hazardous to water (WGK 1)

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References to substance in or-
dinances, regulations and infor-
mation sheets Chemical safety assessments for substances in this mixture were not
carried out.

15.2 Chemical safety assessment

Safety assessment For this substance a chemical safety assessment has not been carried
out.

SECTION 16: Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Relevant H-phrases H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.

Wording of the hazard classes Acute Tox.: Acute toxicity
This product is classified as not hazardous according to regulation EC
CLP

Further information The information is based on present level of our knowledge. It does
not however, give assurances of product properties and establishes
no contract legal rights.
The above information describes exclusively the safety requirements
of the product and is based on our present-day knowledge. The in-
formation is intended to give you advice about the safe handling of
the product named in this safety data sheet, for storage, processing,
transport and disposal. The information cannot be transferred to oth-
er products. In the case of mixing the product with other products or
in the case of processing, the information on this safety data sheet is
not necessarily valid for the new made-up material.

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The
Safety Data Sheet describes products with a view to relevant safety requirements. This information does
not constitute a warranty of properties, features or qualities.