

**Section 1 – Identification of the substance/ mixture and of the company/ undertaking****1.1 Product identifier**

Product Name: Teeth Remineralization Gel (Prepared for: Fabulshine)

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

Identified uses: Professional Dental Care Gel

**1.3 Details of the supplier of the safety data sheet**

Company: **Jiangxi Dentalbright Technology Co., Ltd**  
Makou Industrial Park, Yongxiu County  
Jiujiang City, Jiangxi Prov.,  
China 330300.

Telephone: (0086) 17779115983

**1.4 Emergency Phone Numbers:**

China (00 86 ) 0791 8867 7858

**Section 2 – Hazards Identification****2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No. 1272/2008**

Acute toxicity (oral), Category 4, H302

Eye irritation (Category 2), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 Label elements****Labeling according Regulation (EC) No. 1272/2008**

Pictogram



Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed.

H319

Causes serious eye irritation.

Precautionary statement(s)

P102

Keep out of reach of children.

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

Wear protective gloves/clothing/eye protection/face protection.

P301+312

If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents /container properly.

Supplemental Hazard Statements None

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Section 3 – Composition/Information on Ingredients****3.1 Substances**

Chemical Name	INCI Name	CAS	EINECS	Content
Propylene Glycol	PROPYLENE GLYCOL	57-55-6	200-338-0	32.0%
Glycerol	GLYCERIN	56-81-5	200-289-5	30.0%

Water	AQUA	7732-18-5	231-791-2	17.2%
Nano Hydroxyapatite	HYDROXYAPATITE	1306-06-5	215-145-7	10.0%
Potassium Nitrate	POTASSIUM NITRATE	7757-79-1	231-818-8	4.0%
Carbomer	CARBOMER	9007-17-4	--	3.0%
Carboxymethyl	CELLULOSE GUM	9004-32-4	--	2.0%
Polyvinylpyrrolidone	PVP	9003-39-8	--	1.0%
Menthol	MENTHOL	89-78-1	201-939-0	0.5%
Sodium Hydroxide	SODIUM HYDROXIDE	1310-73-2	215-185-5	0.3%

**(Items in parenthesis relate to Regulation (EC) No. 1272/2008)****Potassium Nitrate:** Danger symbol – GHS03 (O)

Hazard Statement –H272 (R8)

Precautionary Statement –P220 (S17)

**Menthol:** Danger Symbol – GHS07 (Xi)

Hazard Statement – H315 (R38), H318 (R41), H335 (R37)

Precautionary Statement – P261 (S22/23),

P280 (S36/37/39), P305+351+338 (S26/28A/25).

**Sodium Hydroxide:** Danger Symbol – GHS07 (Xi), GHS05 (C)

Hazard Statement –H290 (N/A), H314 (R35/41)

Precautionary

Statement – P102 (S2), P260 (S22/23), P280 (S36/37/39), P303+361+353(S27/28), P304+340+310 (S63/45), P305+351+338 (S26/28A/25).

See Section 16 for Hazard and Precautionary Statement Key.

**Section 4 – First Aid Measures****4.1 Description of first aid measures****General advice**

Consult a physician, Show this safety data sheet to the doctor in attendance.

**First Aid for Eye**

Remove contact lenses. Immediately flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

**First Aid for Skin**

Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

**First Aid for Ingestion**

If greater than normal dose is swallowed, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention. Show the container or label.

**First Aid for Inhalation**

Move to fresh air. If having breathing difficulty, give oxygen. Seek medical attention if discomfort persists.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**Section 5 – Firefighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

The product may produce toxic fumes of Nitrogen oxides, Potassium oxides, Sodium oxides, Carbon oxides, Carbon monoxide and other unidentified products of thermal decomposition.

**5.3 Advice for firefighters**

General: Evacuate all personnel. Use self-contained breathing apparatus (SCBA) and full protective clothing to prevent exposure when the product is involved in a fire.

**5.4 Further information**

No data available.

**Section 6 – Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear appropriate personal protective equipment. Make sure area is well ventilated prior to cleanup. Place inert absorbent material onto spillage. Collect the material and place into a suitable labeled container. Mop / wipe area with soap and water. For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains. To forestall leaks, position the damaged portion of the container face up. Eliminate spillage by employing sand earth, or other suitable absorbent materials. The collection and disposal of spills are elucidated in Section 13. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

**6.3 Methods and material for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**Section 7 – Handling and Storage****7.1 Precautions for safe handling**

Handle in accordance with good occupational hygiene and safety practices. Avoid skin and eyes contamination. Before break and after work wash hands carefully. Use personal protective measures. Ensure adequate ventilation. Do not breathe dust, fume, gas, mist. For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep only in original, tightly closed containers in a cool and well-ventilated area. Keep away from food, beverages or feed for animals. Avoid direct exposure to sunlight. Keep away from strong acids and oxidizing agents. Store in cool place. After opening, seal the container and store in an upright position to prevent leakage.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**Section 8 – Exposure Controls / Personal Protection****8.1 Control Parameters**

No data available

**8.2 Exposure controls****Appropriate engineering controls**

General exhaust is adequate under normal operating conditions.

**Personal protective equipment****Eye / Face Protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hand Protection**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Respiratory Protection**

Respiratory protection is generally not required. Where risk assessment shows air-purifying respirators are appropriate use (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environmental Exposure Controls**

Dispose of in accordance with local regulations.

**Section 9 – Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

a)	Appearance	Form: Gel Colour: White
b)	Odour	Minty odor
c)	Odour Threshold	No data available
d)	pH	6~9
e)	Melting point / freezing point	No data available
f)	Initial boiling point and boiling range	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper / lower flammability or explosive limits	No data available
k)	Vapour	No data available
l)	Vapour pressure	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n – octanol / water	No data available
p)	Auto – ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available

**9.2 Other safety information**

No data available

**Section 10 – Stability and Reactivity**

<b>10.1</b>	<b>Reactivity</b>	No data available
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No data available
<b>10.4</b>	<b>Conditions to avoid</b>	Heat, incompatible materials
<b>10.5</b>	<b>Incompatible materials</b>	Strong oxidizing agents
<b>10.6</b>	<b>Hazardous decomposition products:</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides Other decomposition products - No data available In the event of fire: see section 5

**Section 11 – Toxicological Information**

<b>11.1</b>	<b>Information on toxicological effects</b>	
	Acute toxicity	No data available
	Chronic toxicity	No data available
	Chronic effects	No data available
	Skin corrosion / irritation	No data available
	Serious eye damage / eye irritation	No data available
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	Reproductive toxicity	No data available
	Specific target organ toxicity - single exposure	No data available

<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available

**Section 12 – Ecological Information**

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>12.6 Other adverse effects</b>	No data available

**Section 13 – Disposal Considerations**

<b>13.1 Waste treatment methods</b>	
<b>Contaminated Packaging</b>	Dispose of as unused product.
<b>Disposal Methods</b>	Offer surplus and non-recyclable solutions to a licensed disposal company.

**Section 14 – Transport Information**

<b>14.1 UN number</b>			
ADR / RID: N/A	IMDG: N/A		IATA: N/A
<b>14.2 UN proper shipping name</b>			
ADR / RID: None	IMDG: None		IATA: None
<b>14.3 Transport hazard class(es)</b>			
ADR / RID: N/A	IMDG: N/A		IATA: N/A
<b>14.4 Packaging group</b>			
ADR / RID: N/A	IMDG: N/A		IATA: N/A
<b>14.5 Environmental hazards</b>			
ADR / RID: no	IMDG Marine pollutant: no		IATA: no
<b>14.6 Special Precautions for user</b>			
NO data available			

Transport in according with the Packing Instruction of the 2025 IATA DGR 66th Edition.

**Section 15 – Regulatory Information****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: <ul style="list-style-type: none"> <li>None</li> </ul>
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> <li>None</li> </ul>
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: <ul style="list-style-type: none"> <li>None</li> </ul>
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA ( 40 CFR 261).

	<ul style="list-style-type: none"> <li>None</li> </ul>
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> <li>None</li> </ul>
SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). It's hazards are: <ul style="list-style-type: none"> <li>None</li> </ul>
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> <li>None</li> </ul>
TSCA Section 8(b): Inventory:	This product does contain chemicals listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements. <ul style="list-style-type: none"> <li>None</li> </ul>
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.

**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	<ul style="list-style-type: none"> <li>None</li> </ul>
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**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

**Section 16 – Other Information****Full text of H-Statements referred to under sections 2 and 3:**

(items in parenthesis relate to Regulation (EC) No. 1272/2008)

**Danger Symbols:**

GHS03 (O) – Oxidizer. GHS05 (C) – Corrosive. GHS07 (Xi) – Warning / Irritant.

**Hazard Statement:**

**H272 (R8)**, May intensify fire; oxidizer.

**H290**, May be corrosive to metals.

**H302 (R22)**, Harmful if swallowed.

**H314 (R35/41)**, Causes severe skin burns and eye damage.

**H315 (R38)**, Causes skin irritation.

**H318 (R41)** Causes serious eye damage.

**H319 (R36)**, Causes serious eye irritation.

**H335 (R37)**, May cause respiratory irritation.

**Precautionary Statement:**

**P102 (S2)**, Keep out of reach of children.

**P220 (S17)**, Keep/store away from clothing/combustible materials.

**P260 (S22/23)**, Do not breathe dust/fume/gas/mist/vapors/spray.

**P261 (S22/23)**, Avoid breathing dust/fume/gas mist/vapor sprays.

**P264 (S28)**, Wash hands thoroughly after handling.

**P270 (S20/21)**, Do not eat, drink or smoke when using this product.

**P280 (S36/37/39)**, Wear protective gloves/clothing/eye protection/face protection.

**P301+312 (S45)**, IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**P303+361+353 (S27/28)**, IF ON SKIN (or HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**P304+340+310 (S63/45)**, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**P305+351+338 (S26/28A/25)**, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P501 (S56)**, Dispose of contents / container properly.

**Prepared by**

Jiangxi Dentalbright Technology Co., Ltd

**Reason for Version**

According to Regulation (EC) No. 1907/2006.

**Training advice**

Do not handle until safety precautions have been read and understood.

**Further information**

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Approved by: \_\_\_\_\_

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