

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

Product Name: **Teeth Desensitization Gel**

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

Identified uses: Professional dental care gel, anti-tooth allergy.

1.3 Details of the supplier of the safety data sheet

Company: Zhengzhou Fantastic Electronic Technology Co.,Ltd

Telephone: (0086) 791 88252573

1.4 Emergency Phone Numbers:

China (00 86) 17779115932

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), H303

Skin irritation (Category 3), H316

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 / Irritant

Hazard statement(s)

H303

May be harmful if swallowed.

H316

Causes mild skin irritation.

H319

Causes serious eye irritation.

Precautionary statement(s)

P102

Keep out of reach of children.

P305+351+338

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

P309+P314

If exposed or you feel unwell, get medical advice/attention.

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	28.199%
Potassium Nitrate	Potassium Nitrate	7757-79-1	231-818-8	3.0%

Carbomer	Carbomer	9007-17-4	-	3.0%
Carboxymethyl	Cellulose gum	9004-32-4	900-432-4	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%
CI 42090	CI 42090	3844-45-9	223-339-8	0.001%

(Items in parenthesis relate to Regulation (EC) No. 1272/2008)**Menthol:** Danger Symbol – GHS07 (Xi), GHS05 (C)

Hazard Statement – H315, H318, H335

Precautionary Statement – P261, P280, P305+315+338

Potassium Nitrate: Danger symbol – GHS07 (Xi), GHS03 (O)

Hazard Statement – H272

Precautionary Statement – P102, P210, P220,

P280, P305+360, P371+380+375, P501

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

Hazard Statement – H290, H314

Precautionary Statement – P102, P260, P280,

P303+361+353, P304+340+310, P305+351+338, P361.

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

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. People with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

First Aid for Ingestion

If greater than normal dose is swallowed, do not induce vomiting. Drink large quantity of water or milk. Seek medical attention.

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

Carbon oxides, carbon monoxide.

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.

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

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non Combustible Solids

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 not required. Where protection from nuisance level (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: blue
b)	Odour	Minty
c)	Odour Threshold	No data available
d)	pH	6.0~8.0 at 20°C
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

10.1	Reactivity	No data available
10.2	Chemical stability	Stable under normal conditions
10.3	Possibility of hazardous reactions	No data available
10.4	Conditions to avoid	Heat, incompatible materials, and sunlight
10.5	Incompatible materials	Keep away from combustible liquids; strong acids / bases
10.6	Hazardous decomposition products:	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

11.1	Information on toxicological effects	
	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
	Specific target organ toxicity - repeated exposure	No data available
	Aspiration hazard	No data available

Section 12 – Ecological Information

12.1	Toxicity	No data available
12.2	Persistence and degradability	No data available
12.3	Bioaccumulative potential	No data available
12.4	Mobility in soil	No data available
12.5	Results of PBT and vPvB assessment	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.

12.6 Other adverse effects

No data available

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Contaminated Packaging

Dispose of as unused product.

Disposal Methods

Offer surplus and non-recyclable solutions to a licensed disposal company.

Section 14 – Transport Information

14.1 UN number

ADR / RID: Not data available

IMDG: Not data available

IATA: Not data available

14.2 UN proper shipping name

ADR / RID: None

IMDG: None

IATA: None

14.3 Transport hazard class(es)

ADR / RID: None

IMDG: None

IATA: None

14.4 Packaging group

ADR / RID: None

IMDG: None

IATA: None

14.5 Environmental hazards

ADR / RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special Precautions for user

NO data available

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: • None
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: • None
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: • None
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). • None
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): • None
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: • None
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: • None

TSCA Section 8(b): Inventory:	This product does contain chemicals listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements.
TSCA Significant New Use Rule:	<ul style="list-style-type: none"> • None 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"> • None
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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:

GHS07 (Xi) – Warning / Irritant.

Hazard Statement:

H272, May intensify fire; oxidizer.

H290, May be corrosive to metals.

H303, May be harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H316, Causes mild skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

Precautionary Statement:

P102, Keep out of reach of children.

P210, Keep away from heat/sparks/open flames/ hot surfaces – no smoking.

P220, Keep/store away from clothing/combustible materials.

P260, Do not breathing dust/fume/gas mist/vapor sprays.

P261, Avoid breathing dust/fume/gas mist/vapor sprays.

P280, Wear protective gloves/clothing/eye protection/face protection.

P303+361+353, Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340+310, Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/ doctor.

P305+351+338, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P305+360, If on clothing, rinse immediately contaminated clothing and skin with plenty of water before removing clothing.

P371+380+375, In case of major fire and large quantities, evacuate area, fight fire remotely due to risk of explosion.

P309+314, If exposed or you feel unwell, get medical advice/attention.

P361, Remove/ Take off immediately all contaminated clothing.

P501, Dispose of contents / container properly.

Prepared by

Zhengzhou Fantastic Electronic 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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