

**Section 1 – Identification**

<b>Product Name:</b>	<b>Teeth Whitening Gel-12%PAP</b>	<b>Manufacturer: Nanchang Dental Bright Technology Co., Ltd</b>
		Building 182, Nanchang Jiahai Industrial Park, No.2799 Tianxiang Blvd, Gaoxin Dist., Nanchang, Jiangxi Prov., China 330096
<b>Active Ingredient:</b>	Phthalimidoperoxycaproic Acid 12.0% Potassium Citrate 3.0% Hydroxyapatite 1.0%	<b>Information Contacts:</b> (00 86) 791 88252982
		<b>Emergency Phone Numbers:</b> China (00 86 ) 17779115983

**Family:** Teeth Whitening Gel**Product Use:** Professional Dental Whitening Gel**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

Skin irritation (Category 2), H315

Eye irritation (Category 2A), 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.

H315

Causes skin irritation

H319

Causes serious eye irritation.

Precautionary statement(s)

P102

Keep out of reach of children.

P264

Wash hands thoroughly after handling.

P301+312

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

P305+351+338

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

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.

NOTE: Refer to Section 11, Toxicological Information for Details

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

Chemical Name	INCI Name	CAS	EINECS	Content
Glycerol	Glycerin	56-81-5	200-289-5	36.0%
Water	Aqua	7732-18-5	231-791-2	29.2%
PAP	Phthalimidoperoxycaproic Acid	128275-31-0	410-850-8-	12.0%
Polyvinylpyrrolidone	PVP	9003-39-8	-	10.0%

Ammonium Acryloyldimethyltaurate/VP Copolymer	Ammonium Acryloyldimethyltaurate/VP Copolymer	--	--	3.0%
Potassium Hydroxide	Potassium Hydroxide	1310-58-3	215-181-3	3.0%
Potassium Citrate	Potassium Citrate	866-84-2	212-755-5	3.0%
Hydroxyapatite	Hydroxyapatite	1306-06-5	215-145-7	1.0%
Peppermint Oil	Mentha Piperita (Peppermint) Oil	8006-90-4	--	1.0%
Mica	Mica	12001-26-2	310-127-6	1.0%
Titanium Dioxide	CI 77891	13463-67-7	236-675-5	0.5%
Saccharin Sodium	Saccharin Sodium	6155-57-3	204-886-1	0.2%
Piroctone Olamine	Piroctone Olamine	68890-66-4	272-574-2	0.1%

**(Items in parenthesis relate to 1999/45/EC)**

**Phthalimidoperoxycaproic Acid:** Danger Symbol - GHS05(C) Hazard Statement- H318 (R41), H401 (R51) Precautionary Statement-P273 (S61), P280 (S36/37/39), P305+P351+P338+P310 (S26), P501 (S56).

**Potassium Nitrate:** Danger symbol –GHS03 (O) Hazard Statement –H272 (R8) Precautionary Statement –P220 (S17)

**Potassium Hydroxide:** Danger Symbol – GHS07 (Xi), GHS05 (C) Hazard Statement –H290 (N/A), H302 (R22), H314 (R35/41), H402 (R52) Precautionary Statement –P234 (S49), P260 (S22/23), P264 (S28), P270 (S20/21), P273 (S61), P280 (S36/37/39), P301+312+330 (S45/64), P301+330+331 (S64/62), P303+361+353 (S27/28), P304+340+310 (S63/45), P305+351+338+310 (S26), P363 (S27/28), P390 (S57).

**Piroctone Olamine:** Danger Symbol - GHS05(C) Hazard Statement- H315 (R38), H318 (R41), H412 (R52/53) Precautionary Statement- P264 (S28), P273 (S61), P280 (S36/37/39), P305+351+338+310 (S26), P501 (S56).

See Section 16 for Hazard and Precautionary Statement Key.

**Section 4 – First Aid Measures**

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.

**Section 5 – Fire Fighting Measures**

<b>Flash Point (°F/°C)</b>	<b>Flammable Limit (vol%)</b>	<b>Auto-ignition Temperature (vol%)</b>
N/A	N/A	N/A

**Method:**

Extinguishing Media:	Water spray may be used to extinguish surrounding fire and cool exposed containers. Water spray may also reduce fumes and irritating gases.
Fire Fighting Instructions:	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.
Unusual Hazards:	Under fire conditions this product may emit toxic and / or irritating fumes and gases which aid combustion.

**Section 6 – Accidental Release Measures**

Spill or Release Procedures	Minor spills – Clean up immediately, and wear appropriate personal protective equipment and clothing to minimize exposure. Place inert absorbent material onto spillage. Collect the material and place into a suitable labeled container. Clean contaminated area with soap and water. Major spills – Clear area of personnel. Restrict access to area. 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. Do not allow spill to reach waterway, drains, and sewers. See section 8 & section 12.
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**Section 7 – Handling and Storage**

Handling	Limit all unnecessary personal contact; avoid accidental contact; wear appropriate PPE.
Storage	Store in a cool, well ventilated area away from heat, sparks and flame. Keep containers closed when not in use. Keep in original container provided by manufacturer. Avoid sunlight. Store according to local legislation. Ideally, keep refrigerated.
Explosion Hazard	None.

**Section 8 – Exposure Controls / Personal Protection**

Engineering Controls	General exhaust is adequate under normal operating conditions.
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**Personal Protective Equipment**

General	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.
Eye/ Face Protection	Operator should wear safety glasses with side shields or chemical goggle. Ensure eye bath is on hand.
Skin Protection	Operator should use impermeable clothing to prevent ANY skin contact with this product, such as gloves, apron, boots, or cotton overalls.
Respiratory Protection	In case of insufficient ventilation (lack of engineering controls), wear suitable respiratory equipment.

**Section 9 – Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile		
Gel	Minty	6-9	(H <sub>2</sub> O = 1): N/A	N/A	N/A		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flash Point (°F/°C)		Flammable Limit (vol%)		Auto-ignition Temperature (vol%)			
N/A		N/A		N/A			

**Section 10 – Stability and Reactivity**

<b>Stability:</b> Stable under normal conditions	<b>Incompatibility (Materials to Avoid):</b> Keep away from combustible liquids; strong acids / bases
<b>Hazardous Decomposition Products:</b> Release of toxic / irritating fumes which are capable of supporting combustion	<b>Hazardous Polymerization:</b> Will not occur
<b>Conditions to Avoid:</b> Heat, incompatible materials, and sunlight	

**Section 11 – Toxicological Information**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
N/A	N/A	N/A	N/A	N/A
Sensitization		Mutagenicity		Sub-chronic Toxicity
N/A		N/A		N/A

**Section 12 – Ecological Information****Ecotoxicological Information**

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/A	N/A	N/A	N/A	N/A

**Chemical Fate Information**

<b>Biodegradability</b>	N/A
<b>Chemical Oxygen Demand</b>	N/A

**Section 13 – Disposal Considerations**

Dispose of in compliance with governmental regulation (state and federal). Repeatedly rinse empty containers with water before disposing in landfill.

Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

**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 IATA DGR 63rd Edition.

**Section 15 – Regulatory Information**

**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.

TSCA Significant New Use Rule:	<ul style="list-style-type: none"> <li>• None</li> </ul> None of the chemicals in this material have a SNUR under TSCA.
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**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	<ul style="list-style-type: none"> <li>• None</li> </ul>
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**Section 16 – Other Information**

**EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):**

**(items in parenthesis relate to 1999/45/EC)**

**Danger Symbols:**  
 GHS03 (O) – Oxidizer. GHS05 (C) – Corrosive. GHS07 (Xi) – Warning / Irritant. GHS09 (N) – Dangerous for the environment.

**Hazard Statement:**  
**H272 (R8)** – May intensify fire; oxidizer.  
**H290 (N/A)** – 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.  
**H401 (R51)**, Toxic to aquatic life.  
**H402 (R52)**, Harmful to aquatic life.  
**H412 (R52/53)**, Harmful to aquatic life with long lasting effects.

**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.  
**P273 (S61)**, Avoid release to the environment.  
**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.  
**P301+312+330 (S45/64)**, IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.  
**P301+330+331 (S64/62)**, IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
**P303+361+353(S27/28)**, Take off immediately all contaminated clothing. Rinse skin with water/shower.  
**P304+340+310 (S63/45)**, Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/ doctor.  
**P305+351+338 (S26)**, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P305+351+338+310 (S26)**, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/ doctor.  
**P363 (S27/28)**, Wash contaminated clothing before reuse.  
**P390 (S57)**, Absorb spillage to prevent material damage.  
**P501 (S56)**, Dispose of contents / container properly.

**Hazard Rating System (Pictograms)**

<p><b>NFPA:</b></p> <p>Health → 1 ← Flammability 1 ← Reactivity 1</p>	<p><b>HMIS:</b></p> <p>1 Health 1 Flammability 1 Reactivity</p>
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