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**1. Substance / Preparation and Company name**

Product Names: polanight 10% Carbamide Peroxide Gel; or  
polanight 16% Carbamide Peroxide Gel; or  
polanight 22% Carbamide Peroxide Gel; or  
poladay 3% Hydrogen Peroxide Gel; or  
poladay 7.5% Hydrogen Peroxide Gel; or  
poladay 9.5% Hydrogen Peroxide Gel

Recommended use: For whitening of teeth under the supervision of a dentist

**Manufacturer / Supplier**

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**2. Composition / Information on ingredients**

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>
<b>Carbamide Peroxide Gel</b>		
Urea peroxide	124-43-6	10.0 - 22.0
Polyacrylic acid	9003-01-4	30.0 - 40.0
Balance ingredient (non-hazardous)		48.0 - 52.0
<b>Hydrogen Peroxide Gel</b>		
Hydrogen peroxide	7722-84-1	3.0 – 9.5
Polyacrylic acid	9003-01-4	30.0 - 47.0
Balance ingredient (non-hazardous)		20.0 – 30.5

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### 3. Hazard Identification

PolaDay 7.5%, 9.5% and PolaNight 22% are classified as harmful and may be irritating to skin and mucous membrane.

Risk phrases:     **36/38** Irritating to eyes and skin  
Safety phrases:   **1/2**   Keep locked up and out of reach of children  
                          **3**     Keep in a cool place  
                          **24/25** Avoid contact with skin and eyes.  
                          **26**   In case of contact with eyes, rinse immediately with plenty of water and  
                                  contact a doctor or Poisons Information Centre  
                          **28**   After contact with skin, wash immediately with plenty of water.

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### 4. First Aid Measures

Eye (contact):             Flush opened eye with running water for 15 minutes.   Seek medical attention.

Skin (contact):            Remove contaminated clothing.   Wash skin with plenty of water.

Ingestion:                 Do not induce vomiting, drink lots of water/milk.   Seek medical attention.

Inhalation:                Side effects not expected.

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### 5. Fire Fighting Measures

Suitable extinguishing media:       Water spray, dry chemical, carbon dioxide, protein type air foams.

Unusual Fire and Explosion Hazards:   Heat may generate irritating vapours, e.g. CO, CO<sub>2</sub>. acrylate monomers and hydrocarbons.

Special protective equipment:       Wear approved respirator and protective gear.   Use spray to cool containers.

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### 6. Accidental Release Measures

Personal precautions:               Do not get into eyes, on skin or clothing.

Environmental precautions:       Prevent any spillage from entering waterways, drains or sewage system.

Methods for cleaning up:           Mop up using absorbent paper or towel.

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### 7. Handling and storage

Handling:                 Replace caps immediately after use.

Storage:                 Store in a cool, dry place at temperatures between 2°C and 8°C (35° - 45°F).

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**8. Exposure controls / personal protection**

Respiratory protection:	Not required under normal conditions of use.
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Follow good housekeeping practices and good industrial hygiene in handling this material.

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**9. Physical and chemical properties**

Appearance:	Clear gel
Odour:	Spearmint
Boiling point:	Not applicable
Melting point:	Not applicable
Specific gravity:	1.1
Flash point:	Not applicable
Flammable:	Not flammable
Autoflammability:	Does not self ignite
Explosive properties:	Does not present an explosion hazard
Oxidising properties:	Strong oxidiser
Vapour pressure (@ 20°C):	Not established
Relative density:	Not established
Solubility:	Soluble in water

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**10. Stability and Reactivity**

Stability:	Stable under normal conditions
Conditions to avoid:	Heat and sunlight
Materials to avoid:	Metals, strong bases and organic solvents
Hazardous decomposition products:	None under normal conditions. Corrosive fumes when heated.
Hazardous reactivity (polymerization):	Will not occur.

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## 11. Toxicological information

Acute toxicity:	Harmful to skin, eye and mucous membrane.
Eye (contact):	PolaDay 7.5%, 9.5% and PolaNight 22% are harmful to eyes
Skin (contact):	PolaDay 7.5%, 9.5% and PolaNight 22% are harmful to skin
Ingestion:	No side effects expected for small amounts.
Inhalation:	None expected.

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## 12. Ecological information

Self assessment:	Slightly hazardous for water. Do not allow large quantities to reach sewage systems and waterways.
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## 13. Disposal considerations

Dispose of in accordance with local official regulations.

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## 14. Transport information

These products are not considered to be a dangerous good within the meaning of transportation regulations.

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## 15. Regulatory information

These products are regulated by  
Medical Devices Directive 93/42/EEC  
National regulations

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## 16. Other information

The information provided herein is given in good faith, but no warranty expressed or implied is made.

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**Department issuing MSDS:** Research and Development  
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