



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

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>
Carbamide Peroxide Gel		
Urea peroxide	124-43-6	10.0 - 22.0
Balance ingredient (non-hazardous)		78.0 - 90.0

3. Hazard Identification

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.



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.

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 ₂ . acrylate monomers and hydrocarbons.
Special protective equipment:	Wear approved respirator and protective gear. Use spray to cool containers.

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.

7. Handling and storage

Handling:	Replace caps immediately after use.
Storage:	Store in a cool, dry place at temperatures between 2°C and 25°C (35° - 77°F).

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.



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

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.
Hazardous reactivity (polymerization):	Will not occur.

11. Toxicological information

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

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.

14. Transport information

Pola Night 22%

Carbamide peroxide, aqueous solution. Proper shipping name Hydrogen peroxide UN2984 Packing Group III Class 5.1 sub-risk Class 8.

If packed in Chemical kits the following classification may be considered if all ICAO/IATA transport requirements are met:

Chemical Kit UN3316 - Class 9.

Carbamide peroxide 10%, 16% and 22% products are not classified as Dangerous Goods for air, sea or road transport.

15. Regulatory information

These products are regulated by

Medical Devices Directive 93/42/EEC
National regulations

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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