



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

SDI Limited
5-9 Brunsdon Street, Bayswater
Victoria, 3153, Australia

SDI Inc.
729 N.Route 83, Suite 315
Bensenville 60106 IL, USA

Telephone:

+61 3 8727 7111 (Business hours)

Telephone:

630 238 8300 (Business hours)

Southern Dental Industries Ltd
Block 8, St Johns Court
Swords Road
Santry, Dublin 9, Ireland

SDI Brasil Indústria e Comércio Ltda
Rua Dr. Virgílio de Carvalho Pinto, 612
Pinheiros, São Paulo, 05415-020
Brasil

Telephone:

+353 1 886 9577 (Business Hours)

Telephone:

+55 11 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

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

Extreme care required when handling the Hydrogen Peroxide.

Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 2 ° - 25°C (35° - 77°F) and should be kept away from direct sunlight.

Distribution

During distribution, to our customers, this product can be transported in non-refrigerated conditions between 10° to 25° C. This product can also withstand temperatures up to 40° C for short periods (2 to 3 days) and intermittent peaks up to 50°C.

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.
------------------	--



13. Disposal considerations

Dispose of in accordance with local official regulations.

14. Transport information

Pola Night 22%

Carbamide peroxide, aqueous solution. Proper shipping name Urea Hydrogen peroxide UN1511 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.

Prepared by: SDI Limited
3-13 Brunsdon Street, Bayswater
Victoria, 3153, Australia

Phone Number:
+61 3 8727 7111

Department issuing MSDS: Research and Development
Contact: Operations Director
