



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, CO₂, 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 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
