

SDI, Ltd.

Patterson Dental Supply Product Code:

372247, 76372254, 76372262, 76372270, 76372320, 76371975, 76371983

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SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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MSDS Name: Pola Day + Pola Night

Manufacturer Name: SDI, Ltd.

Address:

5-9 Brunsdon Street,  
Bayswater Victoria 3153,  
AUSTRALIA

Business Phone: +61 3 8727 7111

For information in North America, call: +61 3 8727 7111

Manufacturer MSDS Revision Date: 31/5/2002

General Use:

Advanced Tooth Whitening System

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

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Chemical Name

Pola Day: Hydrogen peroxide CAS#

7722-84-1 % Weight

3.0-7.5%

Chemical Name

Pola Day: Thickeners CAS#

9003-01-4 % Weight

< 47.0%

Chemical Name

Pola Day: Glycerol CAS#

56-81-5 % Weight

30.0%

Chemical Name

Pola Day: Water CAS#

Not Applicable % Weight

20.0%

Chemical Name

Pola Day: Flavour CAS#

Not Applicable % Weight

0.1%

Chemical Name

Pola Night: Urea peroxide CAS#

124-43-6 % Weight

10.0-22.0%

Chemical Name  
Pola Night: Thickeners CAS#  
9003-01-4 % Weight  
< 40.0%

Chemical Name  
Pola Night: Glycerol CAS#  
56-81-5 % Weight  
30.0%

Chemical Name  
Pola Night: Water CAS#  
Not Applicable % Weight  
20.0%

Chemical Name  
Pola Night: Flavour CAS#  
Not Applicable % Weight  
0.1%

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SECTION 3 : HAZARDS IDENTIFICATION  
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Applies to All Ingredients:

Potential Health Effects:

Eye Contact:  
May cause irritation or burning.  
Skin Contact:  
May cause skin irritation.  
Inhalation:  
Not expected.  
Ingestion:  
May cause irritation to gastro intestinal tract.

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SECTION 4 : FIRST AID MEASURES  
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Eye Contact:

Flush opened eye (including under eyelids) with running water for 15 minutes. Seek medical attention.

Skin Contact:

Remove contaminated clothing. Wash skin with plenty of water. Seek medical attention if irritation occurs and

Ingestion:

Do not induce vomiting, drink lots of water/milk. Seek medical attention. Never give anything by mouth to an uncon

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SECTION 5 : FIRE FIGHTING MEASURES  
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Fire:

Flammable: Not flammable

Autoflammability: Does not self ignite

Explosion:

Explosive properties: Does not present an explosion hazard

Flash Point:

Not applicable

Extinguishing Media:

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

Protective Equipment:

Wear approved respirator and protective gear.

Use spray to cool containers.

Unusual Fire Hazards:

Heat may generate irritating or corrosive vapours, e.g. CO, CO2, NO, NH3, acrylate m hydrocarbons.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES  
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Personal Precautions:

Do not get into eyes, on skin or clothing.

Spill Cleanup Measures:

Clean up small quantities with damp cloth.

Environmental Precautions:

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

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SECTION 7 : HANDLING and STORAGE  
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Handling:

Replace caps immediately after use.

Storage:

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

Hygiene Practices:

Follow good housekeeping practices and good industrial hygiene in handling this ma

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION  
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Hand Protection Description:

Rubber or PVC gloves.

Eye/Face Protection:

Safety glasses, goggles or face shield.

Respiratory Protection:

Work in a well ventilated area.

Other:

General safety and hygiene measures: Follow good housekeeping practices and good industrial hygiene in handling this ma

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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES  
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Physical State/Appearance:

Clear gel

Odor:

Spearmint

Vapor Pressure:

(@ 20 deg C): Not established

Boiling Point:

Not applicable

Melting Point:

Not applicable

Solubility:

Soluble in water

Specific Gravity:

1.3

Density:

Relative: Not established

Flashpoint:

Not applicable

Flash point: Not applicable

Flammable: Not flammable

Autoflammability: Does not self ignite

Explosive properties: Does not present an explosion hazard

Oxidising properties: Strong oxidiser

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SECTION 10 : STABILITY AND REACTIVITY  
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Chemical Stability:

Stable under normal conditions

Conditions to Avoid:

Heat and sunlight

Incompatibilities with Other Materials:

Metals, strong bases and organic solvents

Hazardous Polymerization:

Hazardous reactivity (polymerization): Will not occur.

Hazardous Decomposition Products:

None under normal conditions. Corrosive or irritating fumes when heated.

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SECTION 11 : TOXICOLOGICAL INFORMATION  
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Applies to All Ingredients:

Acute Health Effects:

Corrosive to skin, eye and mucous membrane.

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SECTION 12 : ECOLOGICAL INFORMATION  
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Ecological Paragraph:

Self assessment: Slightly hazardous to water. Do not allow large quantities to reach sewage systems and waterways.

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SECTION 13 : DISPOSAL CONSIDERATIONS  
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Waste Disposal:

Dispose of in accordance with local official regulations.

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SECTION 14 : TRANSPORT INFORMATION  
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Transportation Information:

UN Number: 1511 (Carbamide peroxide)  
2014, 2984 (Hydrogen peroxide)  
ADG Code class: Not applicable  
UN/ECE (ST/SG/AC.10/1/Rev.11) class: Not applicable  
UN Packing group: Not applicable

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SECTION 15 : REGULATORY INFORMATION  
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Applies to all ingredients:

European International Regulations:

These products have been classified and labelled in accordance with EU Directives/Ordinance on hazardous materials.

Category of danger classified in accordance to EU Guidelines: None  
National regulations: Slightly hazardous to water (Self assessment).

Risk Phrases:

36/38 Irritating to eyes and skin (slight)

Safety Phrase:

24/25 Avoid contact with eyes and skin  
26/28 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with soap and water.

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SECTION 16 : ADDITIONAL INFORMATION  
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MSDS Revision Date:

31/5/2002

MSDS Author:

Contact: Technical Manager - Polymers

Disclaimer:

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Department issuing MSDS: Research and Development