SDI, Ltd.

tterson Dental Supply Product Code:
372247,76372254,76372262,76372270,76372320,76371975,76371983

****
SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
****
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

****
SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS
****
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%

****
SECTION 3 : HAZARDS IDENTIFICATION
****

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
****

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

****
SECTION 5 : FIRE FIGHTING MEASURES
****

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.

****
SECTION 6 : ACCIDENTAL RELEASE MEASURES
****

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.

****
SECTION 7 : HANDLING and STORAGE
****

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
****

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
****

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
****

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
****

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 quantitiesto 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.

****
SECTION 14 : TRANSPORT INFORMATION
****

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

****
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, w with soap and water.

****
SECTION 16 : ADDITIONAL INFORMATION
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MSDS Revision Date:
31/5/2002
MSDS Author:

Contact: Technical Manager - Polymers

Disclaimer:

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

Department issuing MSDS: Research and Development