1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name
Day White ACP 38% Fluoride Whitening Gel

Recommended Use
No information available.

Importer
Emergo Europe
Molenstraat 15
2513 BH, The Hague
The Netherlands

Company
Discus Dental, LLC
8550 Higuera St.
Culver City, CA 90232 USA
TEL: 1-800-817-3636

Supplier
Discus Dental, LLC
8550 Higuera St.
Culver City, CA 90232 USA
TEL: 1-800-817-3636

For further information, please contact
E-mail Address
rvz@emergogroup.com
Emergency Telephone Number
1-800-817-3636

2. HAZARDS IDENTIFICATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Classification
Xn;R22 - Xi;R41

Hazard Symbols
Xn - Harmful

Most Important Hazards
Harmful if swallowed
Risk of serious damage to eyes

Physical-Chemical Properties
Oxidiser - May react with combustible materials.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC-No</th>
<th>REACH No.</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>231-765-0</td>
<td>no data available</td>
<td>7722-84-1</td>
<td>12.28</td>
<td>Xn; R20/22 C; R35 R5 O; R8</td>
</tr>
<tr>
<td>Urea peroxide</td>
<td>204-701-4</td>
<td>no data available</td>
<td>124-43-6</td>
<td>5.16</td>
<td>Xi; R37/38-41</td>
</tr>
<tr>
<td>Potassium nitrate</td>
<td>231-818-8</td>
<td>no data available</td>
<td>7757-79-1</td>
<td>2.5</td>
<td>O; R8</td>
</tr>
<tr>
<td>Eugenol</td>
<td>202-589-1</td>
<td>no data available</td>
<td>97-53-0</td>
<td>0.375</td>
<td>Xi; R36/38-43 Xn; R22 R52</td>
</tr>
</tbody>
</table>

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Eye Contact  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.

Skin Contact  
Wash skin with soap and water. If skin irritation persists, call a physician.

Ingestion  
Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Consult a physician. If large quantities of this material are swallowed, call a physician immediately.

Inhalation  
Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician.

Notes to Physician  
Treat symptomatically.

Protection of first-aiders  
Use personal protective equipment.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media  

Extinguishing Media Which Must not be Used for Safety Reasons  
No information available.

Special Exposure Hazards Arising from the Substance or Preparation Itself, Combustion Products, Resulting Gases  
Oxidising agents may form explosive peroxides. In the event of fire and/or explosion do not breathe fumes

Special Protective Equipment for Fire-fighters  
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions  
Use personal protective equipment. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions  
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods for Cleaning Up  
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water Prevent product from entering drains.

Other Information  
Keep combustables (wood, paper, oil, etc) away from spilled material.
7. HANDLING AND STORAGE

Handling
Ensure adequate ventilation. Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist.

Storage

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EU</th>
<th>The United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td></td>
<td>STEL: 2 ppm</td>
<td>VME: 1.5 mg/m³</td>
<td>VLA-ED: 1 ppm VLA-ED</td>
<td>MAK: 0.5 ppm MAK: 0.71 mg/m³ Ceiling / Peak: 0.5 ppm</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td>STEL: 2.8 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 1 ppm</td>
<td>VME: 1 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 1.4 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chemical Name | Italy | Portugal | The Netherlands | Finland | Denmark |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td></td>
<td>TWA: 1 ppm</td>
<td>MAC: 1 ppm MAC: 1.4 mg/m³ MAC</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1.4 mg/m³</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chemical Name | Austria | Switzerland | Poland | Norway | Ireland |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td></td>
<td>STEL 2 ppm STEL; 2.8 mg/m³ STEL</td>
<td>STEL: 0.5 ppm STEL (15 min); 0.71 mg/m³ STEL (15 min) MAK: 0.5 ppm MAK: 0.71 mg/m³ MAK</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td>MAK: 1 ppm MAK: 1.4 mg/m³ MAK</td>
<td>NDSch: 4 mg/m³ NDS: 1.5 mg/m³</td>
<td>TWA: 1.4 mg/m³ STEL: 2.8 mg/m³ STEL: 3 ppm</td>
<td>TWA: 1.5 mg/m³ STEL: 3 mg/m³</td>
</tr>
</tbody>
</table>

Occupational Exposure Controls

Engineering measures
Showers. Eyewash stations. Ventilation systems.

Personal Protective Equipment

Eye Protection
Tightly fitting safety goggles.

Hand Protection
Protective gloves.

Skin and Body Protection
No special protective equipment required.

Respiratory Protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures
When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

Environmental Exposure Controls
Do not allow material to contaminate ground water system.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State Liquid
Odour mint-like

Important Health Safety and Environmental Information
10. STABILITY AND REACTIVITY

Stability
Stable under recommended storage conditions. Decomposes on heating.

Conditions to Avoid
Heat.

Materials to Avoid

Hazardous Decomposition Products

Hazardous Polymerisation
Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Product Information

Inhalation
No known hazard by inhalation

Eye Contact
May cause irreversible damage to eyes.

Skin Contact
Prolonged or repeated contact may dry skin and cause irritation

Ingestion
Harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (mg/kg) (Species)</th>
<th>LD50 Dermal (mg/kg) (Species)</th>
<th>LC50 Inhalation (mg/L) (Species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eugenol</td>
<td>1930 (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>801 (Rat)</td>
<td>2000 (Rabbit)</td>
<td>2 (Rat) 4 h</td>
</tr>
<tr>
<td>Potassium nitrate</td>
<td>3015 (Rat)</td>
<td>4080 (Rat)</td>
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</table>

Chronic Toxicity

Target Organ Effects

Endocrine Disruptor Information
12. ECOLOGICAL INFORMATION

Ecotoxicity
Ecotoxicity effects of component substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia magna (Water flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>EC50: 2.5 mg/L</td>
<td>LC50: 16.4 mg/L Pimephales promelas 96 h</td>
<td></td>
<td>EC50: 7.7 mg/L Daphnia magna 24 h</td>
</tr>
<tr>
<td></td>
<td>Chlorella vulgaris 72 h</td>
<td>LC50: 18-56 mg/L Lepomis macrochirus 96 h static</td>
<td></td>
<td>EC50: 18-32 mg/L Daphnia magna 48 h Static</td>
</tr>
<tr>
<td>Eugenol</td>
<td></td>
<td>LC50: 67.6 mg/l Oncorhynchus kisutch (Coho salmon) 96 h static</td>
<td></td>
<td></td>
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</table>

 Persistence and Degradability  No information available.
 Bioaccumulative Potential No information available.
 Mobility No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
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</thead>
<tbody>
<tr>
<td>Eugenol</td>
<td>2.27</td>
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</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products
Dispose of in accordance with local regulations.

Contaminated Packaging
Do not re-use empty containers. Dispose of in accordance with local regulations.

Other Information
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IMDG/IMO

<table>
<thead>
<tr>
<th>UN-No</th>
<th>UN2984</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Hydrogen peroxide, aqueous solution</td>
</tr>
<tr>
<td>Hazard class</td>
<td>5.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
<tr>
<td>EmS</td>
<td>F-H, S-Q</td>
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<tr>
<td>Description</td>
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RID

<table>
<thead>
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<th>UN-No</th>
<th>UN2984</th>
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<tbody>
<tr>
<td>Proper shipping name</td>
<td>Hydrogen peroxide, aqueous solution</td>
</tr>
<tr>
<td>Hazard class</td>
<td>5.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
<tr>
<td>Classification Code</td>
<td>O1</td>
</tr>
<tr>
<td>Description</td>
<td>UN2984 Hydrogen peroxide, aqueous solution,5.1,III,RID</td>
</tr>
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<td>ADR/RID-Labels</td>
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</table>
14. TRANSPORT INFORMATION

**ADR**

<table>
<thead>
<tr>
<th>UN-No</th>
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<tbody>
<tr>
<td>Proper shipping name</td>
<td>Hydrogen peroxide, aqueous solution</td>
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<tr>
<td>Hazard Class</td>
<td>5.1</td>
</tr>
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<td>Packing group</td>
<td>III</td>
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<tr>
<td>Classification Code</td>
<td>O1</td>
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<tr>
<td>Description</td>
<td>UN2984 Hydrogen peroxide, aqueous solution, 5.1, III</td>
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</table>

**ICAO**

<table>
<thead>
<tr>
<th>UN-No</th>
<th>UN2984</th>
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<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Hydrogen peroxide, aqueous solution</td>
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<tr>
<td>Hazard Class</td>
<td>5.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
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<tr>
<td>Description</td>
<td>Hydrogen peroxide, aqueous solution, 5.1, UN2984, PG III</td>
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</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN-No</th>
<th>UN2984</th>
</tr>
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<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Hydrogen peroxide, aqueous solution</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>5.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
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<tr>
<td>ERG Code</td>
<td>5L</td>
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<tr>
<td>Description</td>
<td>UN2984, Hydrogen peroxide, aqueous solution, 5.1, PG III</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Labelling
Contains Hydrogen peroxide.
contains Eugenol. May produce an allergic reaction

Symbol(s)
Xn - Harmful

R-phrase(s)
R22 - Harmful if swallowed
R41 - Risk of serious damage to eyes

S-phrase(s)
S 2 - Keep out of the reach of children.
S13 - Keep away from food, drink and animal feedingstuffs.
S25 - Avoid contact with eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 - Wear eye/face protection.
S46 - If swallowed, seek medical advice immediately and show this container or label.

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
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</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>-</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>-</td>
</tr>
<tr>
<td>PICCS</td>
<td>-</td>
</tr>
<tr>
<td>ENCS</td>
<td>-</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>AICS</td>
<td>-</td>
</tr>
<tr>
<td>KECL</td>
<td>-</td>
</tr>
</tbody>
</table>

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

16. OTHER INFORMATION
16. OTHER INFORMATION

Full text of R-phrases referred to under Sections 2 and 3
R35 - Causes severe burns.
R 8 - Contact with combustable material may cause fire
R 5 - Heating may cause an explosion.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R38 - Irritating to skin.
R22 - Harmful if swallowed.
R20/22 - Harmful by inhalation and if swallowed.
R37/38 - Irritating to respiratory system and skin.

Prepared By

Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date
18-Nov-2008

Revision Date

Revision Note
Not applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet