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Revision Date

Revision Number 0

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Name** DASH Whitening Gel**Recommended Use** Personal care**Importer**Discus Dental, LLC  
8550 Higuera St.  
Culver City, CA 90232  
USA  
TEL: 1-800-817-3636**Company**Discus Dental LLC  
1700A South Baker Ave.  
Ontario, CA 91761  
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TEL: 1-800-817-3636**Supplier**Emergo Europe  
Molenstraat 15  
2513 BH, The Hague  
The Netherlands  
TEL: 1-800-817-3636**For further information, please contact****E-mail Address** .**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.

**Properties Affecting Health**

Inhalation of vapours in high concentration may cause irritation of respiratory system.. Prolonged or repeated contact may dry skin and cause irritation..

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC-No.	REACH No.	CAS-No.	Weight %	Classification
Hydrogen peroxide	EEC No. 231-765-0	no data available	7722-84-1	30-40	R5 O;R8 C;R35 Xn;R20/22
Glycerin	EEC No. 200-289-5	no data available	56-81-5	1-10	R52-53 T+; R26

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

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Keep eye wide open while rinsing If symptoms persist, call a physician
<b>Skin Contact</b>	Wash skin with soap and water If skin irritation persists, call a physician.
<b>Ingestion</b>	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.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician
<b>Notes to physician</b>	Treat symptomatically
<b>Protection of first-aiders</b>	Use personal protective equipment

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use water. Do not use dry chemicals or foams. CO <sub>2</sub> or Halon may provide limited control
<b>Extinguishing Media Which Must not be Used for Safety Reasons</b>	No information available
<b>Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases</b>	May ignite combustables (wood paper, oil, clothing, etc.) Oxidising agents may form explosive peroxides. In the event of fire and/or explosion do not breathe fumes
<b>Special protective equipment for fire-fighters</b>	Wear self contained breathing apparatus for fire fighting if necessary

### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental Precautions</b>	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.
<b>Personal Precautions</b>	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
<b>Methods for Cleaning Up</b>	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.
<b>Other Information</b>	Keep combustables (wood, paper, oil, etc) away from spilled material

## 7. HANDLING AND STORAGE

**Handling** Ensure adequate ventilation Wear personal protective equipment Avoid contact with skin and eyes Do not breathe vapours or spray mist.

**Storage** Keep containers tightly closed in a cool, well-ventilated place Keep in properly labelled containers. Keep out of the reach of children

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Hydrogen peroxide 7722-84-1		STEL: 2 ppm STEL: 2.8 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	VME: 1.5 mg/m <sup>3</sup> VME: 1 ppm	VLA-ED: 1 ppm VLA-ED; 1.4 mg/m <sup>3</sup> VLA-ED	MAK: 0.5 ppm MAK: 0.71 mg/m <sup>3</sup> Ceiling / Peak: 0.5 ppm Ceiling / Peak: 0.71 mg/m <sup>3</sup> Skin
Glycerin 56-81-5		STEL: 30 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	VME: 10 mg/m <sup>3</sup>		MAK: 50 mg/m <sup>3</sup> Ceiling / Peak: 100 mg/m <sup>3</sup>

Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
Hydrogen peroxide 7722-84-1		TWA: 1 ppm	MAC: 1 ppm MAC; 1.4 mg/m <sup>3</sup> MAC	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> STEL: 3 ppm STEL: 4.2 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Glycerin 56-81-5		TWA: 10 mg/m <sup>3</sup>	MAC: 10 mg/m <sup>3</sup> MAC (mist)	TWA: 20 mg/m <sup>3</sup>	

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Hydrogen peroxide 7722-84-1	STEL 2 ppm STEL; 2.8 mg/m <sup>3</sup> STEL MAK: 1 ppm MAK; 1.4 mg/m <sup>3</sup> MAK	STEL: 0.5 ppm STEL (15 min); 0.71 mg/m <sup>3</sup> STEL (15 min) MAK: 0.5 ppm MAK; 0.71 mg/m <sup>3</sup> MAK	NDSch: 4 mg/m <sup>3</sup> NDS: 1.5 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> STEL: 2.8 mg/m <sup>3</sup> STEL: 3 ppm	TWA: 1 ppm TWA: 1.5 mg/m <sup>3</sup> STEL: 2 ppm STEL: 3 mg/m <sup>3</sup>
Glycerin 56-81-5		STEL: 100 mg/m <sup>3</sup> STEL (inhalable) MAK: 50 mg/m <sup>3</sup> MAK (inhalable)	NDS: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>

### Occupational Exposure Controls

#### Engineering Measures

Showers Eyewash stations Ventilation systems

### Personal Protective Equipment

#### Respiratory Protection

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

#### Eye Protection

Safety glasses with side-shields

#### Skin and Body Protection

Lightweight protective clothing

#### Hand Protection

Protective gloves

### Hygiene Measures

When using, do not eat, drink or smoke Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothing before re-use Provide regular cleaning of equipment, work area and clothing

### Environmental Exposure Controls

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State</b>	Gel	<b>Appearance</b>	Clear
<b>Odour</b>	Mint-like		

### Important Health Safety and Environmental Information

<b>Flash Point</b>	Not applicable.	<b>Boiling Point/Range</b>	No information available.
<b>pH</b>	4.8-5.2	<b>Autoignition Temperature</b>	No information available.
<b>Vapour Pressure</b>	No information available.	<b>VOC Content(%)</b>	No information available
<b>Viscosity</b>	36,000-44,000 cps	<b>Solubility</b>	Insoluble
<b>Water Solubility</b>	Miscible with water	<b>Specific Gravity</b>	1.05-1.12
<b>Evaporation Rate</b>	No information available.	<b>Vapour Density</b>	No information available.

**Flammability Limits in Air** No information available.

### Other Information

**Melting Point/Range** No information available.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions. Decomposes on heating.
<b>Conditions to Avoid</b>	Heat.
<b>Materials to Avoid</b>	Combustible materials Strong acids Metals Strong reducing agents
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO) Carbon dioxide (CO <sub>2</sub> ) Nitrogen oxides (NO <sub>x</sub> ) Aldehydes Oxygen which supports combustion
<b>Hazardous Polymerisation</b>	Hazardous polymerisation does not occur.
<b>Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>Inhalation</b>	Inhalation of vapours in high concentration may cause irritation of respiratory system.
<b>Eye Contact</b>	Severely irritating to eyes. May cause irreversible damage to eyes.
<b>Skin Contact</b>	May cause irritation.
<b>Ingestion</b>	Harmful if swallowed..

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin	12600 mg/kg ( Rat )	21900 mg/kg ( Rat )	570 mg/m <sup>3</sup> ( Rat ) 1 h
Hydrogen peroxide	801 mg/kg ( Rat )	2000 mg/kg ( Rabbit ) 4060 mg/kg ( Rat )	2 mg/L ( Rat ) 4 h

### Chronic Toxicity

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<b>Sensitisation</b>	No information available
<b>Reproductive toxicity</b>	No information available
<b>mutagenic effects</b>	No information available
<b>Developmental Toxicity</b>	No information available
<b>Target Organ Effects</b>	Eyes Kidney Respiratory system Skin

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Ecotoxicity effects of component substances.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia magna (Water flea)
Hydrogen peroxide	EC50 72 h Chlorella vulgaris 2.5 mg/L	LC50 96 h Pimephales promelas 16.4 mg/L LC50 96 h Lepomis macrochirus 18-56 mg/L LC50 96 h Oncorhynchus mykiss 10.0-32.0 mg/L		EC50 24 h Daphnia magna 7.7 mg/L EC50 48 h Daphnia magna 18 - 32 mg/L
Glycerin		LC50 96 h Oncorhynchus mykiss 51-57 ml/L		EC50 24 h Daphnia magna >500 mg/L

**Persistence and Degradability** No information available..

**Bioaccumulative Potential** Does not bioaccumulate..

**Mobility** The product is water soluble, and may spread in water systems.

Chemical Name	log Pow
Glycerin	-1.76

## 13. DISPOSAL CONSIDERATIONS

**Waste from Residues/Unused Products** Hazardous waste 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

<b>14. TRANSPORT INFORMATION</b>
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**IMDG/IMO**

<b>Proper Shipping Name</b>	Hydrogen peroxide, aqueous solution
<b>Hazard Class</b>	5.1
<b>Subsidiary Risk</b>	8
<b>UN-No</b>	UN2014
<b>Packing group</b>	II
<b>EmS</b>	F-H, S-Q
<b>Description</b>	UN2014, Hydrogen peroxide, aqueous solution,5.1(8),PG II

**RID**

<b>Proper Shipping Name</b>	Hydrogen peroxide, aqueous solution
<b>Hazard Class</b>	5.1
<b>UN-No</b>	UN2014
<b>Packing group</b>	II
<b>Classification Code</b>	OC1
<b>Description</b>	UN2014 Hydrogen peroxide, aqueous solution,5.1(8),II,RID
<b>ADR/RID-Labels</b>	5.1 + 8

**ADR**

<b>Proper Shipping Name</b>	Hydrogen peroxide, aqueous solution
<b>Hazard Class</b>	5.1
<b>UN-No</b>	UN2014
<b>Packing group</b>	II
<b>Classification Code</b>	OC1
<b>Description</b>	UN2014 Hydrogen peroxide, aqueous solution,5.1(8),II
<b>ADR/RID-Labels</b>	5.1 + 8

**ICAO**

<b>UN-No</b>	UN2014
<b>Proper Shipping Name</b>	Hydrogen peroxide, aqueous solution
<b>Hazard Class</b>	5.1
<b>Subsidiary Risk</b>	8
<b>Packing group</b>	II
<b>Description</b>	Hydrogen peroxide, aqueous solution,5.1(8),UN2014,PG II

**IATA**

<b>UN-No</b>	UN2014
<b>Proper Shipping Name</b>	Hydrogen peroxide, aqueous solution
<b>Hazard Class</b>	5.1
<b>Subsidiary Risk</b>	8
<b>Packing group</b>	II
<b>ERG Code</b>	5C
<b>Description</b>	UN2014,Hydrogen peroxide, aqueous solution,5.1(8),PG II

## 15. REGULATORY INFORMATION

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

### Labelling

**Contains** Hydrogen peroxide.

**Symbol(s)** Xn - Harmful

Xn



### R-phrases(s)

R22 - Harmful if swallowed

R41 - Risk of serious damage to eyes

### S-phrases(s)

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S35 - This material and its container must be disposed of in a safe way.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Water endangering class = 1 (self classification)

### International Inventories

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	Complies

### 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****Full text of R-phrases referred to under Sections 2 and 3**

R 5 - Heating may cause an explosion.

R 8 - Contact with combustible material may cause fire

R35 - Causes severe burns.

R22 - Harmful if swallowed.

R41 - Risk of serious damage to eyes.

R20/22 - Harmful by inhalation and if swallowed.

**Prepared By** Product Stewardship  
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**Revision Date**

**Revision Note** Initial Release.

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