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Revision Date

Revision Number 0

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

Product Name Contrastpm 10%
Synonyms 10% carbamide peroxide gel
Recommended Use Dental whitening gel

Importer
Emergo Europe
Molenstraat 15
2513 BH, The Hague
The Netherlands
TEL: 1-800-817-3636

Company
Spectrum Dental LLC
8554 Hayden Place
Culver City, CA 90232
USA
TEL: 1-800-817-3636

For further information, please contact

E-mail Address .
Emergency Telephone Number 800-817-3636

2. HAZARDS IDENTIFICATION

DSD/DPD

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

Classification
Xi;R36 - R52-53

Hazard Symbols
Xi - Irritant

Most Important Hazards
Irritating to eyes
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

GHS/CLP**GHS-Classification**

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Chronic aquatic toxicity	Category 3

GHS Label elements, including precautionary statements**Signal Word****Danger****Hazard Statements**

- Causes skin irritation
- Causes serious eye damage
- Harmful to aquatic life with long lasting effects

Physical Hazards**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.

General Advice

- Specific treatment (see supplemental instructions on the administration of antidotes on this label)

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTRE or doctor/physician.

Skin

- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse

Disposal

- Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC-No	CAS-No	Weight %	Classification	EU - GHS Substance Classification	REACH No.
Propylene glycol	200-338-0	57-55-6	40-50	R52-53	Aquatic Chronic 3 (H412)	no data available
Glycerin	200-289-5	56-81-5	20-30	R52-53		no data available
Urea peroxide	204-701-4	124-43-6	1-10	Xi;R37/38-41		no data available
Hydrogen peroxide	231-765-0	7722-84-1	1-10	Xn; R20/22 C; R35 R5 O; R8	Acute Tox. 4 (H302) B Skin Corr. 1A (H314) B Ox. Liq. 1 (H271) B Acute Tox. 4 (H332) B	no data available

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

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing. Call a physician immediately.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

None in particular.

Special Protective Equipment for Fire-fighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Other Information	Keep combustables (wood, paper, oil, etc) away from spilled material

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep in properly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Propylene glycol 57-55-6		STEL: 1422 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm TWA: 10 mg/m ³ TWA: 150 ppm TWA: 474 mg/m ³			
Glycerin 56-81-5		STEL: 30 mg/m ³ TWA: 10 mg/m ³	VME: 10 mg/m ³	VLA-ED: 10 mg/m ³	MAK: 50 mg/m ³ Ceiling / Peak: 100 mg/m ³
Hydrogen peroxide 7722-84-1		STEL: 2 ppm STEL: 2.8 mg/m ³ TWA: 1 ppm TWA: 1.4 mg/m ³	VME: 1.5 mg/m ³ VME: 1 ppm	VLA-ED: 1 ppm VLA-ED; 1.4 mg/m ³ VLA-ED	MAK: 0.5 ppm MAK: 0.71 mg/m ³ Ceiling / Peak: 0.5 ppm Ceiling / Peak: 0.71 mg/m ³ Skin

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

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Propylene glycol 57-55-6				TWA: 25 ppm TWA: 79 mg/m ³ STEL: 118.5 mg/m ³ STEL: 37.5 ppm	TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³
Glycerin 56-81-5		STEL: 100 mg/m ³ MAK: 50 mg/m ³	NDS: 10 mg/m ³		TWA: 10 mg/m ³
Hydrogen peroxide 7722-84-1	STEL 2 ppm STEL; 2.8 mg/m ³ STEL MAK: 1 ppm MAK; 1.4 mg/m ³ MAK	STEL: 0.5 ppm STEL (15 min); 0.71 mg/m ³ STEL (15 min) MAK: 0.5 ppm MAK; 0.71 mg/m ³ MAK	NDSch: 4 mg/m ³ NDS: 1.5 mg/m ³	TWA: 1 ppm TWA: 1.4 mg/m ³ STEL: 2.8 mg/m ³ STEL: 3 ppm	TWA: 1 ppm TWA: 1.5 mg/m ³ STEL: 2 ppm STEL: 3 mg/m ³

Occupational Exposure Controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves.

Skin and Body Protection

Long sleeved clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

Hygiene Measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Environmental Exposure Controls

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State	Liquid	Appearance	white
Odour	mint-like		

Important Health Safety and Environmental Information

Flash point	Not applicable.	Boiling Point/Range	No information available.
pH	5.7-6.3	Autoignition temperature	No information available
Vapour Pressure	No information available	VOC Content (%)	No information available
Viscosity	250,000 - 1,200,000 cps	Water Solubility	Miscible with water
Specific Gravity	No information available.	Evaporation Rate	No information available
Vapour Density	No information available.		

Flammability Limits in Air No information available

Other Information

Melting Point/Range No information available.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to Avoid Heat.

Materials to Avoid Organic materials

Hazardous Decomposition Products Carbon monoxide (CO) Carbon dioxide (CO₂) Nitrogen oxides (NO_x). Aldehydes Oxygen which supports combustion.

Hazardous Polymerisation Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation There is no data available for this product.

Eye Contact There is no data available for this product.

Skin Contact There is no data available for this product.

Ingestion There is no data available for this product.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene glycol	20000 mg/kg (Rat)	20800 mg/kg (Rabbit)	
Hydrogen peroxide	801 mg/kg (Rat)	2000 mg/kg (Rabbit) 4060 mg/kg (Rat)	2 mg/L (Rat) 4 h
Potassium nitrate	3015 mg/kg (Rat)		

Chronic Toxicity

Carcinogenicity

This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)

Target Organ Effects Eyes. Kidney. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia magna (Water flea)
Propylene glycol	EC50: 19000 mg/L Pseudokirchneriella subcapitata 96 h	LC50: 51600 mg/L Oncorhynchus mykiss 96 h static LC50: 41-47 ml/L Oncorhynchus mykiss 96 h static LC50: 51400 mg/L Pimephales promelas 96 h static LC50: 710 mg/L Pimephales promelas 96 h	EC50 = 710 mg/L 30 min	EC50: >10000 mg/L Daphnia magna 24 h EC50: >1000 mg/L Daphnia magna 48 h Static
Glycerin		LC50: 51-57 ml/L Oncorhynchus mykiss 96 h static		EC50: >500 mg/L Daphnia magna 24 h
Hydrogen peroxide	EC50: 2.5 mg/L Chlorella vulgaris 72 h	LC50: 16.4 mg/L Pimephales promelas 96 h LC50: 18-56 mg/L Lepomis macrochirus 96 h static LC50: 10.0-32.0 mg/L Oncorhynchus mykiss 96 h static		EC50: 7.7 mg/L Daphnia magna 24 h EC50: 18 - 32 mg/L Daphnia magna 48 h Static

Persistence and Degradability No information available.

Bioaccumulative Potential No information available.

Mobility No information available.

Chemical Name	log Pow
Glycerin	-1.76

13. DISPOSAL CONSIDERATIONS

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

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

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 not regulated

RID not regulated

ADR not regulated

ICAO Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

DSD/DPD

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

Labelling

Symbol(s) Xi - Irritant

**R-phrase(s)**

R36 - Irritating to eyes

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

No information available.

GHS/CLP

Signal Word

Danger

Symbol(s)

Corrosion.

**Hazard Statements**

Causes skin irritation

Causes serious eye damage

Harmful to aquatic life with long lasting effects

EUH210 - Safety data sheet available on request

Precautionary Statements

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P264 - Wash face, hands and any exposed skin thoroughly after handling

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTRE or doctor/physician

P501 - Dispose of contents/container to an approved landfill.

P273 - Avoid release to the environment.

International Inventories

All of the components in the product are on the following Inventory lists: Australia (AICS), China (IECSC).

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	-
ENCS	-
IECSC	-

AICS -
KECL -

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

REACH Title VII Restrictions No information available.

16. OTHER INFORMATION**Full text of R-phrases referred to under Sections 2 and 3**

R53 - May cause long-term adverse effects in the aquatic environment.
R52 - Harmful to aquatic organisms.
R41 - Risk of serious damage to eyes.
R35 - Causes severe burns.
R 8 - Contact with combustible material may cause fire
R 5 - Heating may cause an explosion.
R36 - Irritating to eyes.
R37/38 - Irritating to respiratory system and skin.
R20/22 - Harmful by inhalation and if swallowed.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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