

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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UnoDent 40% Etch Gel

Revision 1

Revision date 2015-06-09

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	UnoDent 40% Etch Gel (FBG800)
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact);
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1.3. Details of the supplier of the safety data sheet

Company	UnoDent Ltd.
Address	10 Perry Way Witham Essex CM8 3SX
Web	
Telephone	+44 (0) 1376 500582
Email	info@unodent.com

1.4. Emergency telephone number


Emergency telephone number	+44(0)1376 500582
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	C; R34 Symbols: C: Corrosive.
Main hazards	Causes burns.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse

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2.2. Label elements

Precautionary Statement: Storage Precautionary Statement: Disposal	skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse.
	P405 - Store locked up.
	P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards	No data available.
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Further information

	Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.
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SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2		30 - 40%	C; R34	
Cab-O-Sil Amorphous Silica M5		7631-86-9	231-545-4		1 - 10%		
FD&C Blue No 1		3844-45-9	223-339-8		1 - 10%		
D&C Green No 5		4403-90-1	224-546-6		1 - 10%		
Xanthan Gum		11138-66-2	234-394-2		0 - 0.5%		

EC 1272/2008

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Cab-O-Sil Amorphous Silica M5		7631-86-9	231-545-4		1 - 10%		
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D&C Green No 5		4403-90-1	224-546-6		1 - 10%		
Xanthan Gum		11138-66-2	234-394-2		0 - 0.5%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Seek medical attention.
Skin contact	Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation of vapour may cause shortness of breath.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea.

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4.2. Most important symptoms and effects, both acute and delayed

Skin contact	Causes burns.
Ingestion	Ingestion causes burns to the respiratory tract.

4.3. Indication of any immediate medical attention and special treatment needed

	No data available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Foam, Carbon dioxide (CO ₂), Dry chemical.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Corrosive.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Transfer to suitable, labelled containers for disposal.
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6.4. Reference to other sections

	SECTION 13: Disposal considerations.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep in a cool, dry, well ventilated area.
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7.3. Specific end use(s)

	None.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Phosphoric acid...% (Orthophosphoric acid)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2
	WEL 8-hr limit mg/m ³ total -	WEL 15 min limit mg/m ³ total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m ³ total -	WEL 15 min limit mg/m ³ total -
	respirable dust:	respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2. Exposure controls

8.2.2. Individual protection measures

Eye / face protection

Wear chemical protective clothing.

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Gel
Colour	Blue/Green
Odour	Odourless

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Alkalis. Heat.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1805

14.2. UN proper shipping name

PHOSPHORIC ACID, SOLUTION

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

ADR/RID

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code	F-A S-B
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IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The product is classified in accordance with 67/548/EEC.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.
2 - Further information.

Text of risk phrases in Section 3

R34 - Causes burns.

Text of Hazard Statements in Section 3

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.