

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

Zinc Cement Powder

Revision 2
Revision date 2015-05-22

SECTION 1: Identification

1.1. Product identifier

Product name	UnoDent Zinc Cement Powder LGT012
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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, CM83 SX UK
Telephone	01376 500582
Fax	01376 500581
Email	info@unodent.com

Emergency telephone number	01376 500582
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SECTION 2: Hazard identification


2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	N; R50/53 Symbols: N: Dangerous for the environment.
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Main hazards	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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2.1.2. Classification - EC 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
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2.2. Label elements

Hazard pictograms	
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Signal Word	Warning
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Hazard Statement	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
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Precautionary Statement: Prevention	P273 - Avoid release to the environment.
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Precautionary Statement: Response	P391 - Collect spillage.
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2.2. Label elements

Precautionary Statement: Disposal	P501 - Dispose of contents/container to
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2.3. Other hazards

Other hazards	No data available.
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SECTION 3: Composition

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.
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		80 - 90%	N; R50/53	
Heavy Magnesium Oxide (Magnesium oxide (as Mg))		1309-48-4	215-171-9		1 - 10%		

EC 1272/2008

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SECTION 4: First aid

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
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. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to mucous membranes.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

No data is available on this product.

SECTION 5: Fire fighting

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.
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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

Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections

SECTION 13: Disposal considerations.

SECTION 7:

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

None.

SECTION 8: Exposure

8.1. Control parameters

8.1.1. Exposure Limit Values

Heavy Magnesium Oxide (Magnesium oxide (as Mg))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total 10	WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear suitable protective clothing.

Skin protection -
Handprotection

Chemical resistant gloves (PVC).

SECTION 9: Physical

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White/Yellow
Odour	Odourless

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

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10.4. Conditions to avoid	
	Direct sunlight. Heat. Moisture.
10.5. Incompatible materials	
	Strong acids. Strong bases.
10.6. Hazardous decomposition products	
	No data available.
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 available.
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB assessment	
	No data is available on this product.
12.6. Other adverse effects	
	Toxic to aquatic organisms.
SECTION 13: Disposal information	
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	
14.6. Special precautions for user	
	R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.
SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
	Local and national regulations.
15.2. Chemical safety assessment	
	No data available.
SECTION 16: Other information	
Other information	

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Other information	
Revision	This document differs from the previous version in the following areas: 1 - CAS No. 1 - EC No. 1 - Index No.
Text of risk phrases in Section 3	R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.