

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### DE Zinc Cement liquid

Revision 5  
Revision date 2015-06-09

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

##### 1.1. Product identifier

**Product name** DE Zinc Cement liquid , 30 ml, REF: P120113

##### 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);

##### 1.3. Details of the supplier of the safety data sheet

**Company** DE Healthcare Ltd.  
Unit 9, Kingsthorpe Business Centre,  
Studland Road, Kingsthorpe,  
Northampton NN2 6NE U.K.

Distributed by/Distribuido por/Distribue par/Vertrieb durch/Distribuito da  
And in the USA/Y en EEUU/Et aux Etats-Unis/Und in USA/E in USA:  
41 Weaver Road  
Denver, PA 17517 USA

**info@dehpbrand.com**  
Tel. +44 1634 266 056  
www.dehpbrand.com

##### 1.4. Emergency telephone number

**Emergency telephone number** Chemtrec US: (800) 424-9300 Chemtrec International: 001 703-527-3887

#### SECTION 2: Hazards identification


##### 2.1. Classification of the substance or mixture

**2.1.1. Classification - 67/548/EEC** C; R34 N; R50/53  
Symbols: C: Corrosive. N: Dangerous for the environment.

**Main hazards** Causes burns. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**2.1.2. Classification - EC 1272/2008** Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

##### 2.2. Label elements

**Hazard pictograms** 

**Signal Word** Danger

**Hazard Statement** Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

**Precautionary Statement: Prevention** P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	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 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.
<b>Precautionary Statement: Storage</b>	P310 -Immediately call a POISON CENTER/doctor/ .
	P321 - Specific treatment (see on this label).
	P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement: Disposal</b>	P405 - Store locked up.
	P501 - Dispose of contents/container to

## 2.3. Other hazards

<b>Other hazards</b>	Irritating to eyes.
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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		70 - 80%	C; R34	
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		1 - 10%	N; R50/53	

## EC 1272/2008

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		70 - 80%	Skin Corr. 1B: H314;	
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		1 - 10%	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Seek medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
<b>Ingestion</b>	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

<b>Inhalation</b>	Inhalation of vapour may cause shortness of breath.
<b>Eye contact</b>	Causes burns. Causes severe inflammation and may damage the cornea.
<b>Skin contact</b>	Causes burns.
<b>Ingestion</b>	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: Carbon dioxide (CO2), Dry chemical, Foam.

**5.2. Special hazards arising from the substance or mixture**

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

**5.3. Advice for firefighters**

Wear suitable respiratory equipment when necessary.

**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.

**6.2. Environmental precautions**

Do not allow product to enter drains. Prevent further spillage if safe.

**6.3. Methods and material for containment and cleaning up**

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

**6.4. Reference to other sections**

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

**7.2. Conditions for safe storage, including any incompatibilities**

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

**7.3. Specific end use(s)**

Not applicable.

**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/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
	Zinc Cement Liquid (Orthophosphoric acid)	WEL 8-hr limit ppm: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - 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 chemical protective clothing.

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## 8.2. Exposure controls

Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Self-contained breathing apparatus.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Mild

## 9.2. Other information

	No data available.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data available.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No data available.
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## 10.4. Conditions to avoid

	Keep away from direct sunlight.
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## 10.5. Incompatible materials

	No data available.
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## 10.6. Hazardous decomposition products

	No data is available on this product.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
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## 11.1.4. Toxicological Information

Phosphoric acid...%	Oral Rat LD50: 1530mg/kg
Zinc oxide	Oral Rat LD50: 15000 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

	No data available
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## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## 12.4. Mobility in soil

	No data available.
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## 12.5. Results of PBT and vPvB assessment

	No data available.
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## 12.6. Other adverse effects

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## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## 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

## 14.6. Special precautions for user

Protective equipment.

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

No data available.

## 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

No data is available on this product.

## 15.2. Chemical safety assessment

No data is available on this product.

## SECTION 16: Other information

## Other information

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1. Classification of the substance or mixture.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Further information.</li> <li>6 - 6.4. Reference to other sections.</li> </ul>
<b>Text of risk phrases in Section 3</b>	<p>R34 - Causes burns. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.