

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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Cem-clean

Revision 10

Revision date 2023-04-05

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

1.1. Product identifier

Product name Cem-clean

1.3. Details of the supplier of the safety data sheet

Larsen Building Products Ltd Company

Address 4 West Bank Road

Belfast Harbour Industrial Estate

Belfast BT3 9JL

United Kingdom

www.larsenbuildingproducts.com

Telephone +44 (0)28 9077 4000 Fax +44 (0)28 9077 6945

I.pyper@larsenbuildingproducts.com **Email**

1.4. Emergency telephone number

Emergency telephone number

(00353) 01 809 2166

Company

National Poisons Centre of Ireland

8am-10pm 7 days a week

Further information

Web

UFI No. 0HMH-SMNX-7A92-83RN.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008

Skin Corr. 1A: H314;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

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

Precautionary Statement:

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

Prevention

Response

P264 - Wash thoroughly after handling.

Precautionary Statement:

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.

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2.2. Label elements

	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.	
Precautionary Statement:	ement: P405 - Store locked up.	
Storage		
Precautionary Statement: P501 - Dispose of contents/container to appropriate waste disposal site		
Disposal		

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Phosphoric acid% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2			Skin Corr. 1B: H314;
Sodium Alkyl Ethoxy Sulphate 27% Aqueous Solution		68585-34-2	221-416-0			Skin Irrit. 2: H315; Eye Irrit. 2: H319;
tetrasodium ethylene diamine tetraacetate	607-428-00-2	64-02-8	200-573-9			Acute Tox. 4: H302; Eye Dam. 1: H318;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.	
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.	
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.	
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.	

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.

SECTION 7: Handling and storage

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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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Phosphoric acid%	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
(Orthophosphoric acid)		
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total -	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	Ensure adequate ventilation of the working area.	
controls		
8.2.2. Individual protection	Wear chemical protective clothing.	
measures		
Eye / face protection	Approved safety goggles.	
Skin protection -	Chemical resistant gloves (PVC).	
Handprotection		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid			
Colour	Colourless to straw yellow			
Odour	Acid fumes			
pH	≤ 2			
Initial boiling point	158 °C			
Flash point	Not determined			
Upper Explosive Limit	Not determined			
Lower Explosive Limit	Not determined			
Relative Vapour Density	Not determined			
Autoignition temperature	Not determined			
Decomposition temperature	Not determined			
Viscosity	Not applicable.			
Solubility	Soluble in water			

9.2. Other information

Specific gravity 1.22 - 1.25 g/cm³

VOC (Volatile organic compounds)

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

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SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	Causes severe skin burns and eye damage. Ingestion causes severe burns the mouth and throat. There is a high risk of perforation to the esophagus and stomach. Inhalation can cause damage to mucosal linings and respiratory tract. Coughing, difficulty in breathing.		
Skin corrosion/irritation	Causes burns.		
Serious eye damage/irritation	Causes severe burns.		
Respiratory or skin sensitisation	No data is available on this product.		
Germ cell mutagenicity	No data is available on this product.		
Carcinogenicity	No data is available on this product.		
Reproductive toxicity	No data is available on this product.		
STOT-single exposure No data is available on this product.			
STOT-repeated exposure No data is available on this product.			
Aspiration hazard	No data is available on this product.		

SECTION 12: Ecological information

12.1. Toxicity

No data available

Further information

Acute effect. Avoid release to the environment. Refer to special instructions/Safety data sheets. Large discharges may contribute to acidification of water or effluent.

SECTION 13: Disposal considerations

General information

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	
Subsidiary risk	-
IMDG	8
Subsidiary risk	_
IATA	8
Subsidiary risk	

14.4. Packing group

Packing group

14.5. Environmental hazards

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14.5. Environmental hazards		
Environmental hazards	No	
Marine pollutant	No	
ADR/RID		
Hazard ID	80	
Tunnel Category	(E)	
IMDG		
EmS Code	F-A S-B	
IATA		
Packing Instruction (Cargo)	856	
Maximum quantity	60 L	
Packing Instruction	852	
(Passenger)		
Maximum quantity	5 L	
SECTION 15: Regulatory information		

SECTION 16: Other information

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Revision	This document differs from the previous version in the following areas:.
Kevision	9 - 9.1. Information on basic physical and chemical properties (PH).
	9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
	9 - 9.1. Information on basic physical and chemical properties (Flash point).
	9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
	9 - 9.1. Information on basic physical and chemical properties (Viscosity).
	9 - 9.1. Information on basic physical and chemical properties (Relative Vapour Density).
	9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).
	9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).
	9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature).
	9 - 9.2. Other information (Product Subcategory).
	9 - 9.2. Other information (Specific gravity).
	11 - Acute toxicity.
	11 - Respiratory or skin sensitisation.
	11 - Germ cell mutagenicity.
	11 - Carcinogenicity.
	11 - Reproductive toxicity.
	11 - Serious eye damage/irritation.
	11 - STOT-single exposure.
	11 - STOT-repeated exposure.
	11 - Aspiration hazard.
	12 - 12.1. Toxicity.
	16 - Maximum content of VOC.
Text of Hazard Statements in	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Section 3	Skin Irrit. 2: H315 - Causes skin irritation.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Acute Tox. 4: H302 - Harmful if swallowed.
	Eye Dam. 1: H318 - Causes serious eye damage.
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
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belief at the date of publication however no guarantee is made to its accuracy. This information

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Further 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.

