

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/5

## Frostproofer and Rapid Hardener

Revision 7

Revision date 2023-09-07

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

#### 1.1. Product identifier

Product name	Frostproofer and Rapid Hardener
Other means of identification / UFI	UFI: CQRH-KMGD-7A9Y-PU9T.

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

Company	Larsen Building Products Ltd
Address	4 West Bank Road Belfast Harbour Industrial Estate Belfast BT3 9JL United Kingdom
Web	www.larsenbuildingproducts.com
Telephone	+44 (0)28 9077 4000
Fax	+44 (0)28 9077 6945
Email	l.pyper@larsenbuildingproducts.com

#### 1.4. Emergency telephone number


Emergency telephone number	(00353) 01 809 2166
Company	National Poisons Centre of Ireland 8am-10pm 7 days a week

### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
--------------------------------------	---------------------

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## Frostproofer and Rapid Hardener

Revision 7  
Revision date 2023-09-07

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Calcium chloride	017-013-00-2	10043-52-4	233-140-8		30 - 40%	Eye Irrit. 2: H319;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon oxides.
--	----------------

## 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 measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working 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. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

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

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

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

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

## Frostproofer and Rapid Hardener

Revision 7

Revision date 2023-09-07

## 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.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
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	Aqueous solution
Colour	Colourless to straw yellow
Odour	Faint
pH	8.5 - 10.5
Initial boiling point	Not determined
Flash point	Not determined
Upper Explosive Limit	Not determined
Lower Explosive Limit	Not determined
Vapour pressure	Not determined
Relative Vapour Density	Not determined
Density / Relative Density	1.26
Decomposition temperature	Not determined
Viscosity	Not determined

## 9.2. Other information

Specific gravity	1.21 - 1.27 g/cm <sup>3</sup>
VOC (Volatile organic compounds)	Not applicable.

## Water solubility

	Insoluble in water.
--	---------------------

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

Skin corrosion/irritation	Not classified (Based on available data, the classification criteria are not met).
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified (Based on available data, the classification criteria are not met).
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met).
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met).
STOT-single exposure	Not classified (Based on available data, the classification criteria are not met).

# Frostproofer and Rapid Hardener

Revision 7  
Revision date 2023-09-07

## 11.1 Information on hazard classes

STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met).
------------------------	--

### 11.1.4. Toxicological Information

	No data available
--	-------------------

## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
--	-------------------

## SECTION 13: Disposal considerations

### General information

	Dispose of in compliance with all local and national regulations.
--	---

## SECTION 14: Transport information

### 14.1. UN number

	The product is not classified as dangerous for carriage.
--	--

### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
--	--

### 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
--	--

### 14.4. Packing group

	The product is not classified as dangerous for carriage.
--	--

### 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
--	--

### 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
--	--

### 14.7 Maritime Transport in bulk according to IMO instruments

	The product is not classified as dangerous for carriage.
--	--

### Further information

	The product is not classified as dangerous for carriage.
--	--

## SECTION 15: Regulatory information

## SECTION 16: Other information

### Other information

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> <li>1 - Other means of identification / UFI.</li> <li>1 - UFI No.</li> <li>9 - 9.1. Information on basic physical and chemical properties (PH).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flash point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Relative Vapour Density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature).</li> </ul>
----------	--

# Frostproofer and Rapid Hardener

Revision 7

Revision date 2023-09-07

## Other information

	<p>9 - 9.2. Other information (Product Subcategory).            9 - 9.2. Other information (Specific gravity).            11 - Skin corrosion/irritation.            11 - Respiratory or skin sensitisation.            11 - Germ cell mutagenicity.            11 - Reproductive toxicity.            11 - Serious eye damage/irritation.            11 - STOT-single exposure.            11 - STOT-repeated exposure.            16 - Maximum content of VOC.</p>
Text of Hazard Statements in Section 3	Eye Irrit. 2: H319 - Causes serious eye irritation.

## Further information

	<p>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.</p>
--	---