

**Safety data sheet**  
in accordance with **UK REACH Regulation (EC) No 1907/2006 as amended**

Printing date 16.01.2026

Version number 1

Revision: 15.12.2025

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

**1.1 Product identifier**

Trade name: **K Rend LW1 (White)**

Safety data sheet no.: 44P11145

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Kilwaughter Minerals Ltd.

9 Starbog Road

Larne

United Kingdom

BT40 2TJ

Phone: 028 2826 0766

Fax: 028 2826 0136

KilwaughterSDS@saint-gobain.com

**1.4 Emergency telephone number:**

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone helpline: +44 (0)344 892 0111 (Healthcare professionals only)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Results of in vitro- tests have shown that cement based mixtures with more than 1% of cement cause serious skin irritation and serious eye damage, therefore the classification of these mixtures regarding H315 and H318 is not based on the calculation of the ingredients or the pH in this case.



GHS05 corrosion

Eye Dam. 1          H318 Causes serious eye damage.



GHS07

Skin Irrit. 2          H315 Causes skin irritation.

Aquatic Chronic 3   H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

**Hazard pictograms**



GHS05

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**Trade name: K Rend LW1 (White)**

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**Signal word** Danger

**Hazard-determining components of labelling:**

 cement, portland, white  
 calcium dihydroxide

**Hazard statements**

 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P280 Wear protective gloves / eye protection / face protection.  
 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).  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**
**Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 1317-65-3 EINECS: 215-279-6 Reg.nr.: 01-2119486795-18-xxxx	limestone substance with a Community workplace exposure limit	50-75%
CAS: 65997-15-1 EINECS: 266-043-4	cement, portland, white ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315:C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	10-20%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide substance with a Community workplace exposure limit	2-5%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45-xxxx	calcium dihydroxide ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	1-2%
CAS: 886-50-0 EINECS: 212-950-5	terbutryn ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Acute Tox. 4, H302	≥0.0025-<0.025%

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**Additional information** For the wording of the listed hazard statements refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information** Immediately remove any clothing soiled by the product.

**After inhalation**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing** Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire toxic gases are released.

### 5.3 Advice for firefighters

**Protective equipment:** Mouth respiratory protective device.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

Mouth respiratory protective device.

### 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow product to reach sewage system or any water course.

Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up:

Use neutralising agent.

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Thorough dedusting.  
 Keep receptacles tightly sealed.  
 Ensure good ventilation/exhaustion at the workplace.  
 Provide suction extractors if dust is formed.

**Information about fire - and explosion protection:** Keep respiratory protective device available.

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

#### Storage

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Additional information about design of technical facilities:** No further data; see section 7.

**Ingredients with limit values that require monitoring at the workplace:**

DNELs		
<b>CAS: 1317-65-3 limestone</b>		
Oral	Derived No Effect Level	6.1 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.36 mg/m <sup>3</sup> (worker local long term value)
		1.06 mg/m <sup>3</sup> (consumer local long term value)
<b>CAS: 13463-67-7 titanium dioxide</b>		
Inhalative	Derived No Effect Level	1.25 mg/m <sup>3</sup> (worker local long term value)
		0.21 mg/m <sup>3</sup> (consumer local long term value)
<b>CAS: 1305-62-0 calcium dihydroxide</b>		
Inhalative	Derived No Effect Level	4 mg/m <sup>3</sup> (worker local short term value)
		1 mg/m <sup>3</sup> (worker local long term value)
		1 mg/m <sup>3</sup> (consumer local long term value)
		4 mg/m <sup>3</sup> (consumer local short term value)
PNECs		
<b>CAS: 1305-62-0 calcium dihydroxide</b>		
Predicted No-Effect Concentration		1,080 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.32 mg/l (sea water rating factor)
		0.49 mg/l (fresh water rating factor)

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CAS No. / Designation of material / % / Type / Value / Unit	
<b>CAS: 1317-65-3 limestone</b>	
WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust; **respirable
<b>CAS: 65997-15-1 cement, portland, white</b>	
WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable dust
<b>CAS: 13463-67-7 titanium dioxide</b>	
WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable
<b>CAS: 1305-62-0 calcium dihydroxide</b>	
WEL	Short-term value: 4* mg/m <sup>3</sup> Long-term value: 5 1* mg/m <sup>3</sup> *resprable fraction

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Quartz respirable dust:

 European Union: 0,1mg/m<sup>3</sup>

 UK: 0,1 mg/m<sup>3</sup>

 Ireland: 0,1 mg/m<sup>3</sup>
**8.2 Exposure controls**
**Personal protective equipment:**
**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Protective mask type FFP3

**Protection of hands:** Protective gloves.

**Eye protection:** Tightly sealed goggles

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**
**General Information**
**Appearance:**

<b>Form:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined

<b>pH-value at 20 °C:</b>	12.5-13.5
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<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Undetermined
<b>Initial boiling point and boiling range:</b>	Undetermined
<b>Flash point:</b>	Not applicable
<b>Flammability</b>	Product is not flammable.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density:</b>	Not applicable.
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not applicable
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with Water:</b>	Soluble
<b>Segregation coefficient (n-octanol/water) log Pow:</b>	Not determined
<b>Viscosity:</b>	
<b>dynamic:</b>	Not applicable.
<b>kinematic:</b>	Not applicable.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>Solids content:</b>	100.0 %
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with light alloys in the presence of moisture to form hydrogen

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

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**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 1317-65-3 limestone</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)
<b>CAS: 65997-15-1 cement, portland, white</b>			
Dermal	LD50	>2,000 mg/kg	(Rabbit)
<b>CAS: 13463-67-7 titanium dioxide</b>			
Oral	LD50	>5,000 mg/kg	(Rat)
Inhalative	LC50/4 h	>6.8 mg/l	(Rat)
<b>CAS: 1305-62-0 calcium dihydroxide</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,500 mg/kg	(Rabbit)
<b>CAS: 886-50-0 terbutryn</b>			
Oral	LD50	1,000-2,045 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)

**Primary irritant effect:**
**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Additional toxicological information:**
**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment
<b>CAS: 1317-65-3 limestone</b>
LC50/96h >100 mg/l (Fish)

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EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>14 mg/l (aquatic algae and cyanobacteria)
<b>CAS: 65997-17-3 Glass, oxide, chemicals</b>	
LC50/96h	1,000 mg/l (Fish)
EC50/72h	1,000 mg/l (aquatic algae and cyanobacteria) 1,000 mg/l (aquatic invertebrates)
NOEC (72h)	1,000 mg/l (aquatic algae and cyanobacteria) 1,000 mg/l (aquatic invertebrates)
<b>CAS: 13463-67-7 titanium dioxide</b>	
IC50/72h	1 mg/l (Fish)
LC50/48h	>100 mg/l (aquatic invertebrates)
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>100 mg/l (Algae)
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)
NOEC (28d)	≥100 mg/l (aquatic invertebrates) ≥0.07 mg/l (Fish)
<b>CAS: 1305-62-0 calcium dihydroxide</b>	
LC50/48h	1,830 mg/l (aquatic invertebrates)
LC50/96h	158 mg/l (aquatic invertebrates) 50.6-457 mg/l (Fish)
EC50/48h	49.1 mg/l (aquatic invertebrates)
EC50/72h	184.57 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	48 mg/l (aquatic algae and cyanobacteria)
NOEC (48h)	33.3 mg/l (aquatic invertebrates)
NOEC (14d)	32 mg/l (aquatic invertebrates)
<b>CAS: 886-50-0 terbutryn</b>	
IC50/72h	0.0055 mg/l (Selenastrum capricornutum (Green algae))
LC50/96h	1.1-1.3 mg/l (Fish)
EC50/48h	2.66 mg/l (Daphnia magna)
NOEC (21d)	1.3 mg/l (Daphnia magna) 0.01 mg/l (Fish)

**12.2 Persistence and degradability** No further relevant information available.

**Method**
**CAS: 1317-65-3 limestone**

Biod. (28 days) &gt;90 %

**12.3 Bioaccumulative potential**
**CAS: 886-50-0 terbutryn**

EBAB 3.66 log Pow

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**12.4 Mobility in soil** No further relevant information available.

**Ecotoxicological effects:**
**Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 1317-65-3 limestone</b>	
EC 50 (3h)	>1,000 mg/l (microorganisms)
<b>CAS: 13463-67-7 titanium dioxide</b>	
EC 50 (3h)	1,000 mg/l (microorganisms)
<b>CAS: 1305-62-0 calcium dihydroxide</b>	
EC 50 (3h)	300.4 mg/l (microorganisms)

**Additional ecological information:**
**General notes:**

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation** Dispose of the product in accordance with national and local regulations.

**Uncleaned packaging:**
**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**Recommended cleaning agent:**

Water, if necessary together with cleansing agents.

Thoroughly shake out sacks.

### SECTION 14: Transport information

**14.1 UN-Number**

ADR, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, IMDG, IATA

Void

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**14.3 Transport hazard class(es)**
**ADR, ADN, IMDG, IATA Class**

Void

**14.4 Packing group**
**ADR, IMDG, IATA**

Void

**14.5 Environmental hazards:**

Not applicable

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

**UN "Model Regulation":**

Void

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**Poisons Act**
**Regulated explosives precursors**

None of the ingredients is listed.

**Regulated poisons**

None of the ingredients is listed.

**Reportable explosives precursors**

None of the ingredients is listed.

**Reportable poisons**

CAS: 50-00-0 formaldehyde

5%

**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**REGULATION (EU) 2017/852 on mercury (Annex I)**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

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H410 Very toxic to aquatic life with long lasting effects.

**Department issuing SDS: EHS**
**Contact:**

Kilwaughter SDS

Phone: 028 2826 0766

KilwaughterSDS@saint-gobain.com

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3