

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

Printing date 16.01.2026

Version number 1

Revision: 28.10.2025

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

1.1 Product identifier

Trade name: **K Rend K1 Spray+**

Safety data sheet no.: 44P10909

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

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

Eye Dam. 1 H318 Causes serious eye damage.

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

Signal word Danger

Hazard-determining components of labelling:

cement, portland, white

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calcium dihydroxide

Hazard statements

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dusts or mists.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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.

P405 Store locked up.

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	75-100%
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 %	5-10%
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%

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.

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After inhalation

In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air and to be sure call for a doctor.

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 Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a doctor.

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

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

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:

In case of seepage into the ground inform responsible authorities.

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:

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.

See Section 13 for disposal information.

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.

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Information about fire - and explosion protection: No special measures required.

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
CAS: 1317-65-3 limestone

Oral	Derived No Effect Level	6.1 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.36 mg/m ³ (worker local long term value)
		1.06 mg/m ³ (consumer local long term value)

CAS: 1305-62-0 calcium dihydroxide

Inhalative	Derived No Effect Level	4 mg/m ³ (worker local short term value)
		1 mg/m ³ (worker local long term value)
		1 mg/m ³ (consumer local long term value)
		4 mg/m ³ (consumer local short term value)

PNECs
CAS: 1305-62-0 calcium dihydroxide

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)

CAS No. / Designation of material / % / Type / Value / Unit
CAS: 1317-65-3 limestone

WEL	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
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CAS: 65997-15-1 cement, portland, white

WEL	Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust
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CAS: 1305-62-0 calcium dihydroxide

WEL	Short-term value: 4* mg/m ³
	Long-term value: 5 1* mg/m ³ *resprable fraction

Additional Occupational Exposure Limit Values for possible hazards during processing:

Quartz respirable dust:

 European Union: 0,1mg/m³

 UK: 0,1 mg/m³

 Ireland: 0,1 mg/m³

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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 skin.

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:

Form:	Powder
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined

pH-value:	Not determined
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Change in condition

Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	Undetermined

Flash point:	Not applicable
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Flammability	Product is not flammable.
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Auto-ignition temperature:	Not determined.
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Decomposition temperature:	Not determined
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Ignition temperature:	Product is not self-igniting.
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Explosive properties:	Product does not present an explosion hazard.
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Explosion limits:

Lower:	Not determined
Upper:	Not determined

Oxidising properties	Not determined.
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Vapour pressure:	Not applicable.
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Density:	Not applicable.
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Relative density	Not determined
Vapour density	Not applicable
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water:	Soluble
Segregation coefficient (n-octanol/water) log Pow:	Not determined
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
Solvent content:	
Organic solvents:	0.0 %
Solids content:	100.0 %
9.2 Other information	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.

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
CAS: 1317-65-3 limestone			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)
CAS: 6597-15-1 cement, portland, white			
Dermal	LD50	>2,000 mg/kg	(Rabbit)
CAS: 1305-62-0 calcium dihydroxide			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,500 mg/kg	(Rabbit)
CAS: 886-50-0 terbutryn			
Oral	LD50	1,000-2,045 mg/kg	(Rat)

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Dermal	LD50	>2,000 mg/kg (Rabbit)
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Primary irritant effect:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

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

CAS: 1317-65-3 limestone

LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>14 mg/l (aquatic algae and cyanobacteria)

CAS: 1305-62-0 calcium dihydroxide

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)

CAS: 886-50-0 terbutryn

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.

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Method
CAS: 1317-65-3 limestone

Biod. (28 days) >90 %

12.3 Bioaccumulative potential
CAS: 886-50-0 terbutryn

EBAB 3.66 log Pow

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
CAS: 1317-65-3 limestone

EC 50 (3h) >1,000 mg/l (microorganisms)

CAS: 1305-62-0 calcium dihydroxide

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.

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

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14.2 UN proper shipping name ADR, IMDG, IATA	Void
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

None of the ingredients is listed.

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.

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H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 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 Corr. 1: Skin corrosion/irritation – Category 1
 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