Kilwaughter

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31, as amended by Regulation (EU) 2020/878.

Printing date 16.01.2026 Version number 1 Revision: 21.11.2025

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

1.1 Product identifier
Trade name: K Lime 112

Safety data sheet no.: 44P11031
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:
- Ireland: National Poisons Information Centre: +353 (1) 809 2166 (Members of the public 8am - 10pm, 7 days a week) ; +353 (1) 809 2566 (Healthcare professionals only 24/7)
- Iceland: Poisons Information Center - Icelandic University Hospital: +354 543 2222

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.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

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Hazard pictograms

GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:
Lime (chemical), hydraulic
Flue dust, portland cement

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statements

P261	Avoid breathing dust.
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.
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.
Determination of endocrine-disrupting properties
Does not contain substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2 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: 85117-09-5 EINECS: 285-561-1 Reg.nr.: 01-2119475523-36-xxxx	Lime (chemical), hydraulic Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	10-25%

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CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	5-10%
CAS: 68475-76-3 EINECS: 270-659-9 Reg.nr.: 01-2119486767-17-xxxx	Flue dust, portland cement Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	≥3-<5%

SVHC Void

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

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

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.

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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.
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.
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
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/m³ (worker local long term value)
		1.06 mg/m³ (consumer local long term value)
CAS: 85117-09-5 Lime (chemical), hydraulic		
Inhalative	Derived No Effect Level	4 mg/m³ (worker local short term value)
		1 mg/m³ (worker local long term value)
		1 mg/m³ (consumer local long term value)
		4 mg/m³ (consumer local short term value)
CAS: 68475-76-3 Flue dust, portland cement		
Inhalative	Derived No Effect Level	4 mg/m³ (worker local short term value)
		0.84 mg/m³ (worker local long term value)
		0.84 mg/m³ (consumer local long term value)
		4 mg/m³ (consumer local short term value)

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PNECs	
CAS: 85117-09-5 Lime (chemical), hydraulic	
Predicted No-Effect Concentration	1,262 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.374 mg/l (sea water rating factor)
	0.574 mg/l (fresh water rating factor)
CAS: 68475-76-3 Flue dust, portland cement	
Predicted No-Effect Concentration	5 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.028 mg/l (sea water rating factor)
	0.282 mg/l (fresh water rating factor)

CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 1317-65-3 limestone	
TWA (Italy)	Long-term value: 10 mg/m³ (e)
CAS: 14808-60-7 Silicon dioxide (Quartz sand)	
BOELV (European Union)	Long-term value: 0.1* mg/m³ *respirable fraction
MAK (Germany)	alveolengängige Fraktion
GV (Denmark)	Short-term value: 0.6* 0.2** mg/m³ Long-term value: 0.3* 0.1** mg/m³ *total:,**total, respirabel: EK
LEP (Spain)	Long-term value: 0.05 mg/m³ *Fracción resp:n,d,y
TWA (Italy)	Long-term value: 0.025 mg/m³ A2, (j)
VLE (Portugal)	Long-term value: 0.025 mg/m³ Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)	Long-term value: 0.1 mg/m³ C, M, respirabel fraktion
HTP (Finland)	Long-term value: 0.05 0.1* mg/m³ alveolijae;*sitova arvo 113/24, pöly

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

8.2 Exposure controls
Appropriate engineering controls No further data; see section 7.
Individual protection measures, such as 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.

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Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.
Protective mask type FFP3
Hand protection Protective gloves.
Eye/face 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	
Physical state	Solid.
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range	Undetermined
Flammability	Product is not flammable.
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined
pH at 20 °C	12.5-13.5
Viscosity:	
Kinematic viscosity	Not applicable.
dynamic:	Not applicable.
Solubility	
Water:	Soluble
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	Not applicable.
Relative density	Not determined
Vapour density	Not applicable
Particle characteristics	See section 3.

9.2 Other information

Appearance:	
Form:	Powder
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.

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Minimum ignition energy	
Solvent content:	
Organic solvents:	0.0 %
EU-VOC (%)	0.0000 %
EU-VOC (g/L)	0.0000 g/l
Solids content:	100.0 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not applicable.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

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 hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

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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: 85117-09-5 Lime (chemical), hydraulic		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,500 mg/kg (Rabbit)
Inhalative	LC50/4 h	>6.04 mg/l (Rat)
CAS: 68475-76-3 Flue dust, portland cement		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
Inhalative	LC50/4 h	6.04 mg/l (Rat)

Primary irritant effect:
Skin corrosion/irritation Causes skin irritation.
Serious eye damage/irritation Causes serious eye damage.
Respiratory or skin sensitisation May cause an allergic skin reaction.
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 May cause respiratory irritation.
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.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

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: 85117-09-5 Lime (chemical), hydraulic	
LC50/96h	158 mg/l (Daphnia magna)
	50.6-457 mg/l (Fish)
EC50/48h	49.1 mg/l (Daphnia magna)
EC50/72h	184.57 mg/l (Algae)
NOEC (72h)	48 mg/l (Algae)

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CAS: 68475-76-3 Flue dust, portland cement	
EC50/72h	22.4-28.2 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	11.1 mg/l (Fish)
NOEC (48h)	100 mg/l (aquatic invertebrates)
EC 10	10.3 mg/l (aquatic algae and cyanobacteria)
	425 mg/l (microorganisms)

12.2 Persistence and degradability No further relevant information available.

Method	
CAS: 1317-65-3 limestone	
Biod. (28 days)	>90 %

12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.
12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse 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: 85117-09-5 Lime (chemical), hydraulic	
EC 50 (3h)	300.4 mg/l (microorganisms)
CAS: 68475-76-3 Flue dust, portland cement	
EC 50 (3h)	596-743 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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Dispose of the product in accordance with national and local regulations.

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European waste catalogue	
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

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 or ID number **ADR, IMDG, IATA**	Void
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 Maritime transport in bulk according to IMO instruments	Not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
Labelling according to Regulation (EC) No 1272/2008 cf. section 2

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.

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REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
None of the ingredients is listed.

Regulation (EU) No 649/2012
None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer
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.
This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases
The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Classification according to Regulation (EC) No 1272/2008	
Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation Specific target organ toxicity (single exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: EHS

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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 (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.