

LIME GROUT AND MORTAR

Date of issue: 22/09/2025
 Version: 2.0

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name Lime Grout and Mortar
 Unique Formula Identifier (UFI) 4JE2-K06X-H00E-XHPK
 Nanoform The product does not contain nanoparticles.

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

Identified Use(s) Lime Grout and Mortar
 Uses advised against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification Tarmac Packed Products
 Ground Floor
 T3 Trinity Park
 Bickenhill Lane
 Birmingham
 West Midlands
 B37 7ES
 United Kingdom
 Telephone +44 (0)345 812 6232
 E-mail (competent person) info-cement@tarmac.com

1.4 Emergency telephone number

Emergency Phone No. +44 (0)345 812 6232 (08:30 – 16:00)
 Language(s) spoken: English

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Skin Corr. 1; H314
 Eye Dam. 1; H318
 STOT SE 3; H335

2.2 Label elements

Product name According to Regulation (EC) No. 1272/2008 (CLP).
 Lime Grout and Mortar

Contains: Calcium hydroxide

Hazard Pictogram(s)



Signal Word(s) DANGER

Hazard Statement(s) H314: Causes severe skin burns and eye damage.
 H335: May cause respiratory irritation.

Precautionary Statement(s) P102: Keep out of reach of children.
 P202: Do not handle until all safety precautions have been read and understood.
 P260: Do not breathe dust.
 P280: Wear protective gloves and eye/face protection.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 P310: Immediately call a POISON CENTER/doctor.

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P405: Store locked up.

P501: Dispose of contents/container according to national/local hazardous waste disposal regulations.

Supplemental information

Not applicable

2.3 Other hazards

Not classified as PBT or vPvB. Does not cause endocrine disruption.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Calcium hydroxide	50 - < 90	1305-62-0	215-137-3	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335

Note: For full text of H phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Inhalation

Skin contact

Eye contact

Ingestion

No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Avoid all contact. Contaminated clothing should be laundered before reuse. Wash hands and body thoroughly after handling.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Blow nose to evacuate dust. Apply artificial respiration if breathing has ceased or shows signs of failing. Immediately call a POISON CENTER/doctor.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Brush off loose particles from skin, only then: rinse skin with water. Immediately call a POISON CENTER/doctor.

IF IN EYES: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain prompt consultation, preferably from an ophthalmologist.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to a physician:

Treat symptomatically.

IF IN EYES: Treatment by an ophthalmologist due to possible caustic burn of the eyes may be required.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Do not use water jet. Direct water jet may spread the fire.

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- 5.2 Special hazards arising from the substance or mixture** Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature. Decomposition products: Carbon monoxide, Carbon dioxide.
- 5.3 Advice for firefighters** Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** No action should be taken involving personal risk. Absorb spillage to prevent material damage. Ensure suitable personal protection during removal of spillages. Do not breathe dust. Avoid all contact. Ensure adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Remove contaminated clothing and wash all affected areas with plenty of water. Wash contaminated clothing before reuse.
- 6.2 Environmental precautions** Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up** Provided it is safe to do so, isolate the source of the leak.
- When dry: Use approved industrial vacuum cleaner for removal or sweep up and shovel into waste drums or plastic bags. Avoid dust generation. Do not use compressed air for cleaning purposes. Transfer to a container for disposal.
- When wet: Sweep up spilled substance. Collect in closed and suitable containers for disposal. Allow stiffening. Wash the spillage area with water. Avoid run off to waterways and sewers.
- 6.4 Reference to other sections** See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Do not breathe dust. Avoid dust generation Use personal protective equipment as required. Avoid all contact. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wash contaminated clothing before reuse.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep only in original packaging. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
- Storage temperature: Keep cool. Protect from sunlight. Keep only in original packaging.
- Incompatible materials: Incompatible with acids, significant quantities of paper, straw, aluminium and nitro compounds.
- 7.3 Specific end use(s)** See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational exposure limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Aluminium (Al)	7429-90-5	-	10 (inhalable dust); 4 (respirable dust)	-	-	-
Calcium dihydroxide	1305-62-0	-	5; 1 (respirable fraction)	-	4 (respirable fraction)	-

Source: OELV: Health and Safety Authority, Code of Practice, 2020

- 8.1.2 Biological Limit Value** Not established
- 8.1.3 PNECs and DNELs** Not applicable

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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction if dusts, fumes or vapours are likely to be evolved. Guarantee that the eye flushing systems and safety showers are located close to the working place.

8.2.2 Individual protection measures, such as personal protective equipment

Avoid contact with skin and eyes. Keep good industrial hygiene. Do not eat, drink or smoke at the work place. Wash hands thoroughly after handling. Remove contaminated clothing and wash it before reuse.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection



Use eye protection according to EN 166, designed to protect against dusts.

Skin protection



Wear suitable protective clothing.

Respiratory protection



Wear a dust mask when needed.

Thermal hazards

Not applicable.

8.2.3 Environmental exposure controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Powder
Colour	Not determined
Odour	Slight Odour
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	12-14
Kinematic viscosity	Not determined
Solubility	The product is sparingly soluble in water.
Partition coefficient: n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	3.0 (typical)
Relative vapour density	0 at 20°C
Particle characteristics	Not determined

9.2 Other information

None Known

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10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	In aqueous media $\text{Ca}(\text{OH})_2$ dissociates resulting in the formation of calcium cations and hydroxyl anions (when below the limit of water solubility).
10.2	Chemical stability	Stable under normal conditions
10.3	Possibility of hazardous reactions	Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature. Strong exothermic reaction with acids.
10.4	Conditions to avoid	Keep away from heat and direct sunlight. Avoid: Humidity.
10.5	Incompatible materials	Incompatible with acids, significant quantities of paper, straw, aluminium and nitro compounds.
10.6	Hazardous decomposition products	Carbon monoxide, Carbon dioxide

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008	
	Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: $\text{LD}_{50} > 2000 \text{ mg/kg bw}$
	Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: $\text{LC}_{50} > 5 \text{ mg/l (Dust/Mist)}$
	Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: $\text{LD}_{50} > 2000 \text{ mg/kg bw}$
	Skin corrosion/irritation	Mixture: Skin Corr. 1; H314: Causes severe skin burns and eye damage. Extreme pH: 12-14
		Calcium hydroxide Skin Irrit. 2; H315: Causes skin irritation.
	Serious eye damage/irritation	Irritating to skin. (Rabbit)(OECD 404)
		Mixture: Eye Dam. 1; H318: Causes serious eye damage.
		Calcium hydroxide Eye Dam. 1; H318: Causes serious eye damage.
	Respiratory or skin sensitisation	Irreversible effects on the eye. (Rabbit)(OECD 405)
	Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
	STOT - single exposure	Mixture: STOT SE 3; H335: May cause respiratory irritation.
		Calcium hydroxide STOT SE 3; H335: May cause respiratory irritation.
	STOT - repeated exposure	NOAEC: 0.107 mg/L (Rat) (OECD 412)
	Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
		Mixture: Based upon the available data, the classification criteria are not met.
11.2	Information on other hazards	
11.2.1	Endocrine disrupting properties	This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.
11.2.2	Other information	None

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Mixture: Based upon the available data, the classification criteria are not met. Estimated LC_{50} (Mixture): $> 100 \text{ mg/l}$.
12.2	Persistence and degradability	No data for the mixture as a whole.
		Calcium hydroxide Not applicable for inorganic substances.
12.3	Bioaccumulative potential	No data for the mixture as a whole.
		Calcium hydroxide Not applicable for inorganic substances.
12.4	Mobility in soil	No data for the mixture as a whole.
		Calcium hydroxide No data available.
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Endocrine disrupting properties	This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
12.7	Other adverse effects	None known.

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13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of this material and its container as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.

Waste classification according to Directive 2008/98/EC (Waste Framework Directive)

HP 4; Irritant — skin irritation and eye damage.
HP5; Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP8; Corrosive

14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number or ID number	1759	1759	1759
14.2 UN proper shipping name	CORROSIVE N.O.S hydroxide)	SOLID CORROSIVE N.O.S hydroxide)	SOLID CORROSIVE N.O.S hydroxide)
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	III	III	III
14.5 Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See section 2		
14.7 Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable
14.8 Additional information	None		

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations

Authorisations and/or restrictions on use

Not listed

15.1.2 National regulations

Germany

Water hazard class: Slightly hazardous to water (wgk 1) (Self classification)

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Updated version and date. Updated substance / mixture classification. Please review SDS with care.

Sections indicated with the following have been revised:

References: Existing Safety Data Sheet (SDS); ECHA registration dossier for Calcium hydroxide (CAS No.: 1305-62-0)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification procedure
Skin Corr. 1; H314	Extreme pH
Eye Dam. 1; H318	Threshold Calculation
STOT Single Exp. 3; H335	Threshold Calculation

Legend

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ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Skin Corr. 1; Skin corrosion, Category 1
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Eye Dam. 1; Eye damage, category 1
STOT SE 3; Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.