



Safety data sheet

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

1.1. Product identifier

Trade name: Lithomex Easy Sand & Stone

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

Recommended uses: Joint filler.

1.3. Details of the supplier of the safety data sheet

Supplier: Lithomex A/S
Lervejdal 14 D
Sdr Vissing
8740 Brædstrup
Denmark
Tel: +45 86221122
Email: info@lithomex.dk

1.4. Emergency telephone number

0870 600 6266 (UK only) Only available to health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008): Eye Dam. 1;H318

Please see section 16 for the full text of H-phrases.

Most serious harmful effects: Causes serious eye damage.
Handling of the product causes risk of dust formation, which may irritate nose and throat.

2.2. Label elements



Signal word: Danger

Contains: Calcium hydroxide

H-phrases: Causes serious eye damage.(H318)

P-phrases: Wear protective gloves/eye protection/face protection.(P280-høa)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305/351/338)
 Immediately call a POISON CENTER/doctor.(P310-A)

2.3. Other hazards

(PBT/vPvB) No assessment required, as the product contains inorganic matter only.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
.	14808-60-7-B	Quartz, not respirable	-	50-100	13
.	238-878-4	.	-	.	.
01-211947515	1305-62-0-C	Calcium hydroxide	Eye Dam. 1; H318 Skin Irrit 2; H315	3-<10	.
1-45-0018	215-137-3	.	STOT SE 3; H335	.	.
.

13) The substance has a national exposure limit.

Please see section 16 for the full text of H-phrases.

Other information: Any letters after the CAS number refer to individual data sets.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Seek fresh air, wash out mouth with water and blow nose thoroughly.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin: Remove contaminated clothing. Wash the skin with water.

Eyes: Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

Other information: When obtaining medical advice, show the safety data sheet or label.

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

Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. Inhalation of dust may cause irritation to the upper airways.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles/face protection.

For emergency responders: In addition to the above: Chemical protective suit equivalent to EN 943-2 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a damp cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry area.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Ingredient:	Exposure limit	Comments
Inhalable dust	- (8h), -(15m) ppm 10 (8h), - (15m) mg/m ³	-
Respirable dust	- (8h), -(15m) ppm 4 (8h), - (15m) mg/m ³	-

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

DNEL values: 1305-62-0-C:
Workers:
Inhalation DNEL (acute/short-term exposure - local effects), 4 mg/m³.
Inhalation DNEL (long-term exposure - local effects), 1 mg/m³.

PNEC values: 1305-62-0-C:
PNEC aqua (freshwater) 0,49 mg/l.
PNEC soil 1080 mg/kg.
PNEC aqua (marine water) 0,32 mg/l.
PNEC STP (wastewater-treatment facilities) 3,004 mg/l.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles/face protection. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear gloves. Type of material: Plastic/ Rubber. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment with P2 filter. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Solid substance
Colour:	Grey
Odour:	No data
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	No data
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	2,7
Solubility:	No data
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Rat: LD50 = >2000 mg/kg (OECD 425)
Acute toxicity - dermal:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Rabbit: LD50 = >2500 (OECD 402)
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.

Skin corrosion/irritation:	May irritate the skin – may cause reddening. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Rabbit: Irritating (OECD 404)
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Non-sensitising
Germ cell mutagenicity:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Bacteria: No mutagenic effects observed. (OECD 471)
Carcinogenic properties:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 1305-62-0-C: Human: No carcinogenic effects observed.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity:	1305-62-0-C: Fish: 96hLC50 = 50,6-457 mg/l Crustacea: 48hEC50 = 49,1 mg/l Algae: 72hEC50 = 184,57 mg/l
Chronic toxicity:	1305-62-0-C: Crustacea: 14dNOEL = 32 mg/l Algae: 72hNOEC = 48 mg/l

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

14808-60-7-B: Partition coefficient n-octanol/water: 0,529

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

(PBT/vPvB) No assessment required, as the product contains inorganic matter only.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 17 01 06*mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances

Absorbent/cloth contaminated with the product:

EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Empty, cleansed packaging should be disposed of for recycling.

Hardened product is non-hazardous waste according to waste regulations. Contact the local authorities for instructions on handling. Use the below code for waste registration.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: Regulatory information

Covered by: Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

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

Special provisions:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Changes have been made in the following sections:

1-16

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration

Classification method: Calculation based on the hazards of the known components.

H-phrases: H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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