

# Safety data sheet

## according to 1907/2006/EC, Article 31 & 2020/878/EC

Printing date 13.03.2026

Version number 1

Revision: 13.03.2026

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

- **1.1 Product identifier**
- Trade name: **Sulfur Mortar according to standard EN 12390-3 ( amendment Maritime and Air Transport**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU3 Industrial uses: Uses of substances as such or in preparations on industrial sites
- **Application of the substance / the preparation :**  
Surfacing product for concrete EN 12390-3  
product for surfacing concrete specimen in concrete lab
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
S.N.L - Société Nouvelle du Littoral  
Z.A. - BP9 11370 LEUCATE (France)  
Tel :+33 (0) 4 68 40 14 05 - Fax : +33 (0)4 68 40 92 72 - Email : contact@s-n-l.fr
- **1.4 Emergency telephone number:**  
France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59  
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112  
Belgium - Brüssel: +32 070/245 245  
UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647  
Swiss Toxicological Information Centre (Zürich) : +41 44 251 51 51 / www.toxi.ch.

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 :**



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the C.L.P. regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
H315 Causes skin irritation.
- **Precautionary statements**  
P260 Do not breathe dust.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.

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### · 2.3 Other hazards

The mixture shall not contain substances listed in accordance with Article 59(1) R.E.A.C.H as having endocrine disrupting properties, or be recognised as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0.1%.


### · Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** No further information available

## SECTION 3: Composition/information on ingredients

### · 3.2 Mixtures

- **Description:** Preparation: composed of the substances listed below.

· Dangerous components:		
CAS: 14808-60-7 EINECS: 238-878-4 RTECS: VV 7330000	Quartz (SiO <sub>2</sub> ) substance with a Community workplace exposure limit	50%
CAS: 7704-34-9 EINECS: 231-722-6 Index number: 016-094-00-1	sulfur  Skin Irrit. 2, H315	50%

- **SVHC** Not applicable
- **Additional information:** For the wording of the listed risk phrases, refer to section 16.

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

#### · After inhalation:

In case of unconsciousness place patient in a stable laying down side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** Do not induce vomiting; call for medical help immediately.

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

No further relevant information is available.

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

No further relevant information is available.

## SECTION 5: Firefighting measures

- **5.1 Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

- **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.

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### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures :**  
Avoid formation of dust.
- **For non-emergency personnel** No other relevant information available.
- **For emergency responders** No other relevant information available.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections :**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protective equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling :** No special precautions are necessary if used correctly.
- **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:** No special requirements.
- **Information about storage in one common storage facility:** Not required
- **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:**

**CAS: 14808-60-7 Quartz (SiO<sub>2</sub>) (50-100%)**

BOELV (EU)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction
MAK (Switzerland)	Long-term value: 0.15 a mg/m <sup>3</sup> P C1a SSc;

- **Additional information:**  
The most current valid lists have been used as a basis for the production of this document.
- **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:**  
Keep away from food, beverages and petfood.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** No special measures required.

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## · Hand protection



Protective gloves

· **Gloves material** : Nitrile rubber, NBR

## · Eye/face protection



Safety glasses

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Physical state**

Solid

· **Form:**

Powder

· **Colour:**

Yellow Grey

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined

· **Melting point/freezing point:**

110-1610 °C

· **Boiling point or initial boiling point and boiling range**

445-2230 °C

· **Flammability**

Not determined

· **Lower and upper explosion limit**· **Lower:**

Not determined

· **Upper:**

Not determined

· **Flash point:**

Not applicable

· **Auto-ignition temperature:**

Not applicable

· **Decomposition temperature:**

Not determined

· **pH**

Mixture is non-polar/aprotic.

· **Viscosity:**· **Kinematic viscosity**

Not applicable

· **Kinematic:**

Not applicable

· **Dynamic:**

Not applicable

· **Solubility**· **water:**

Insoluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined

· **Vapour pressure:**

Not applicable

· **Density and/or relative density**· **Density at 20 °C:**2.1-2.6 g/cm<sup>3</sup>· **Relative density :**

Not determined

· **Vapour density :**

Not applicable

· **Particle characteristics**

See section 3.

· **9.2 Other information :**· **Important information on protection of health and environment, and on safety.**· **Ignition temperature:**

Product is not self igniting.

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· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Solvent content:</b>	
· <b>COV (USA) :</b>	0.00 %
· <b>Change in condition</b>	
· <b>Evaporation rate :</b>	Not applicable.
<b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Not classified as hazardous
· <b>Flammable gases</b>	Not classified as hazardous
· <b>Aerosols</b>	Not classified as hazardous
· <b>Oxidising gases</b>	Not classified as hazardous
· <b>Gases under pressure</b>	Not classified as hazardous
· <b>Flammable liquids</b>	Not classified as hazardous
· <b>Flammable solids</b>	Not classified as hazardous
· <b>Self-reactive substances and mixtures</b>	Not classified as hazardous
· <b>Pyrophoric liquids</b>	Not classified as hazardous
· <b>Pyrophoric solids</b>	Not classified as hazardous
· <b>Self-heating substances and mixtures</b>	Not classified as hazardous
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not classified as hazardous
· <b>Oxidising liquids</b>	Not classified as hazardous
· <b>Oxidising solids</b>	Not classified as hazardous
· <b>Organic peroxides</b>	Not classified as hazardous
· <b>Corrosive to metals</b>	Not classified as hazardous
· <b>Desensitised explosives</b>	Not classified as hazardous

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions :** No dangerous reactions known.
- **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.

· <b>LD/LC50 values relevant for classification:</b>		
<b>CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)</b>		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
<b>CAS: 7704-34-9 sulfur</b>		
Oral	LD50	>2,000 mg/kg (rat)

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Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>5,430 mg/l (rat)

- **Primary irritant effect:**
- **On the skin:** Causes skin irritation.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization** Based on available data, the classification criteria are not met.
- **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.

### 11.2 Information on other hazards

#### · Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)

LC50 96h | 19,095 mg/l (fish)

- **12.2 Persistence and degradability** : No further relevant information available.
- **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:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects** : No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

#### · Recommendation :



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### · European waste catalogue

HP4 | Irritant - skin irritation and eye damage

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

<ul style="list-style-type: none"> <li>· <b>14.1 UN number or ID number</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>	UN1350
<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR</b></li> <li>· <b>IMDG, IATA</b></li> </ul>	UN1350 SULPHUR mixture SULPHUR mixture
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	4.1 (F3) Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives 4.1
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	4.1 Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives 4.1
<ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	III
<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> </ul>	Not applicable
<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> <li>· <b>Stowage Code</b></li> <li>· <b>Segregation Code</b></li> </ul>	Warning: Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives 40 F-A,S-G A SW1 Protected from sources of heat. SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9. SG17 Stow "separated from" class 5.1
<ul style="list-style-type: none"> <li>· <b>14.7 Maritime transport in bulk according to IMO instruments</b></li> </ul>	Not applicable

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· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· Transport category	3
· Tunnel restriction code	E
· <b>IMDG</b>	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· <b>UN "Model Regulation":</b>	UN 1350 SULPHUR MIXTURE, 4.1, III

## SECTION 15: Regulatory information

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

· <b>Regulated explosives precursors</b>	
None of the ingredients is listed.	
· <b>Regulated poisons</b>	
None of the ingredients is listed.	
· <b>Reportable explosives precursors</b>	
CAS: 7704-34-9   sulfur	Listed
· <b>Reportable poisons</b>	
None of the ingredients is listed.	

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

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

- **REGULATION (EU) 2019/1148**

· <b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b>	
None of the ingredients is listed.	
· <b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>	
None of the ingredients is listed.	
· <b>Regulation (EC) No 273/2004 on drug precursors</b>	
None of the ingredients is listed.	

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<ul style="list-style-type: none"> <li>· <b>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</b></li> </ul>
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None of the ingredients is listed.
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<ul style="list-style-type: none"> <li>· <b>15.2 Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.</li> </ul>
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### 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.

Classification in accordance with Delegated Regulation (EU) 2023/1435 of 2 May 2023 adapting to technical and scientific progress for the 20th time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/197 of 19 October 2023 adapting to technical and scientific progress for the 21st time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/2564 of 19 June 2024 adapting to technical and scientific progress for the 22nd time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2023/707.

- **Relevant phrases**

H315 Causes skin irritation.

<ul style="list-style-type: none"> <li>· <b>Classification according to Regulation (EC) No 1272/2008</b></li> </ul>	
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Skin corrosion/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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- **Date of previous version:** 26.08.2025

- **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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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