

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 01-Feb-2024

Revision Number 1

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

### 1.1. Product identifier

Product Name SB 95 - Natural (EU)

Pure substance/mixture Mixture

Contains Dibutyltin Oxide

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

Recommended use No information available

Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Seal Bond  
1251 E. Mt. Garfield Rd.  
Norton Shores, MI 49444  
800-252-4144

For further information, please contact

### 1.4. Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

Emergency Telephone - §45 - (EC)1272/2008

Europe	112
--------	-----

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 2 - (H319)
-----------------------------------	---------------------

Reproductive toxicity	Category 1B - (H360)
-----------------------	----------------------

Acute aquatic toxicity	Category 1 - (H400)
------------------------	---------------------

### 2.2. Label elements

Contains Dibutyltin Oxide

**Signal word**

Danger

**Hazard statements**

H319 - Causes serious eye irritation

H360 - May damage fertility or the unborn child

H400 - Very toxic to aquatic life

EUH208 - Contains Proprietary Adhesion Promoter, Proprietary Dehydration Agent May produce an allergic reaction.

**Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Limestone 1317-65-3	20 - 40	No data available	215-279-6	No data available	-	-	-
Calcium Carbonate 471-34-1	10 - 20	No data available	207-439-9	No data available	-	-	-
Calcium Oxide 1305-78-8	1 - <5	No data available	215-138-9	No data available	-	-	-
Stearic Acid 57-11-4	1 - <5	No data available	200-313-4	No data available	-	-	-
Proprietary Adhesion Promoter	0.1 - 1	No data available	.?	No data available	-	-	-
Proprietary Dehydration Agent	0.1 - 1	No data available	.?	No data available	-	-	-
Dibutyltin Oxide 818-08-6	0.1 - 1	No data available	212-449-1	No data available	-	-	-

Crystalline Silica 14808-60-7	0.1 - 1	No data available	238-878-4	No data available	-	-	-
----------------------------------	---------	-------------------	-----------	-------------------	---	---	---

**Full text of H- and EUH-phrases: see section 16**Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Calcium Carbonate 471-34-1	6450	2000	Inhalation LC50 Rat >3 mg/L 4 h (no deaths occurred, aerosol, Source: ECHA_API) 3	>3	Inhalation LC50 Rat >3 mg/L 4 h (no deaths occurred, aerosol, Source: ECHA_API)
Calcium Oxide 1305-78-8	500	No data available	Inhalation LC50 Rat >6.04 mg/L 4 h (dust, Source: ECHA_API) 6.04	>6.04	Inhalation LC50 Rat >6.04 mg/L 4 h (dust, Source: ECHA_API)
Stearic Acid 57-11-4	4600	2000	No data available	No data available	No data available
Proprietary Adhesion Promoter	2413	2009	Inhalation LC50 Rat 1.49 - 2.44 mg/L 4 h (aerosol, Source: ECHA_API)	1.49 - 2.44	Inhalation LC50 Rat 1.49 - 2.44 mg/L 4 h (aerosol, Source: ECHA_API)
Proprietary Dehydration Agent	7317.98	3529.38	Inhalation LC50 Rat 16.8 mg/L 4 h (vapor, Source: ECHA_API)	16.8	Inhalation LC50 Rat 16.8 mg/L 4 h (vapor, Source: ECHA_API)
Dibutyltin Oxide 818-08-6	44.9	2000	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

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

**Note to doctors** Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage class (TRGS 510)** LGK 6.1C.

**7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Limestone 1317-65-3	-	-	TWA: 10 mg/m <sup>3</sup>	TWA: 1.0 fiber/cm <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	-
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m <sup>3</sup>	TWA: 1.0 fiber/cm <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
Calcium Oxide 1305-78-8	STEL: 4 mg/m <sup>3</sup> respirable fraction TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 1 mg/m <sup>3</sup> STEL 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Dibutyltin Oxide 818-08-6	-	TWA: 0.1 mg/m <sup>3</sup> STEL 0.2 mg/m <sup>3</sup> STEL 0.008 ppm H*	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> D*	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>
Crystalline Silica 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Limestone 1317-65-3	-	TWA: 10.0 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Calcium Carbonate 471-34-1	-	TWA: 10.0 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Calcium Oxide 1305-78-8	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Ceiling: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Dibutyltin Oxide 818-08-6	-	TWA: 0.1 mg/m <sup>3</sup> Ceiling: 0.2 mg/m <sup>3</sup> D*	TWA: 0.1 mg/m <sup>3</sup> H* STEL: 0.2 mg/m <sup>3</sup> except Tri-n-butyltin compounds	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> A*	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup> iho*
Crystalline Silica 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 0.6 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>

Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Limestone 1317-65-3	-	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Calcium Carbonate 471-34-1	TWA: 10 mg/m <sup>3</sup>	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Calcium Oxide 1305-78-8	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Peak: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Dibutyltin Oxide 818-08-6	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>	TWA: 0.0018 ppm TWA: 0.009 mg/m <sup>3</sup>	TWA: 0.004 ppm TWA: 0.02 mg/m <sup>3</sup> Peak: 0.004 ppm Peak: 0.02 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> *	TWA: 0.02 mg/m <sup>3</sup> b*
Crystalline Silica 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	-	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	-	-	-	-
Calcium Carbonate 471-34-1	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	-	-	TWA: 6 mg/m <sup>3</sup>	-
Calcium Oxide 1305-78-8	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Stearic Acid 57-11-4	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	-	-
Dibutyltin Oxide 818-08-6	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>	-	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> cute*	-	STEL: 0.2 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> O*
Crystalline Silica 14808-60-7	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 ppm
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Calcium Carbonate 471-34-1	-	-	-	-	TWA: 10 mg/m <sup>3</sup>
Calcium Oxide 1305-78-8	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	STEL: 6 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
Dibutyltin Oxide 818-08-6	-	-	-	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup> H*	-
Crystalline Silica 14808-60-7	-	-	TWA: 0.075 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> TWA: 0.3 mg/m <sup>3</sup> STEL: 0.9 mg/m <sup>3</sup> STEL: 0.15 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Limestone 1317-65-3	-	TWA: 10 mg/m <sup>3</sup>	-	-	-
Calcium Carbonate 471-34-1	-	TWA: 10 mg/m <sup>3</sup>	-	-	-
Calcium Oxide 1305-78-8	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Dibutyltin Oxide 818-08-6	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup> STEL: 0.15 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> K* Ceiling: 0.2 mg/m <sup>3</sup>	TWA: 0.009 mg/m <sup>3</sup> TWA: 0.0018 ppm STEL: 0.0018 ppm STEL: 0.009 mg/m <sup>3</sup> K*	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> vía dérmica*

Crystalline Silica 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.5 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>
Chemical name	Sweden		Switzerland	United Kingdom	
Limestone 1317-65-3	-		-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	
Calcium Carbonate 471-34-1	-		TWA: 3 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	
Calcium Oxide 1305-78-8	Bindande KGV: 4 mg/m <sup>3</sup> NGV: 1 mg/m <sup>3</sup>		TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>	
Dibutyltin Oxide 818-08-6	NGV: 0.1 mg/m <sup>3</sup> H*		TWA: 0.1 mg/m <sup>3</sup> TWA: 0.004 ppm TWA: 0.02 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> STEL: 0.004 ppm STEL: 0.02 mg/m <sup>3</sup> H*	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.2 mg/m <sup>3</sup> Sk*	
Crystalline Silica 14808-60-7	NGV: 0.1 mg/m <sup>3</sup>		TWA: 0.15 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	

#### Biological occupational exposure limits

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Crystalline Silica 14808-60-7	-	( - )	-	-	-

#### Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Calcium Carbonate 471-34-1	-	-	6.36 mg/m <sup>3</sup> [5] [6]
Calcium Oxide 1305-78-8	-	-	1 mg/m <sup>3</sup> [5] [6] 4 mg/m <sup>3</sup> [5] [7]
Stearic Acid 57-11-4	-	10 mg/kg bw/day [4] [6]	17.632 mg/m <sup>3</sup> [4] [6]
Proprietary Adhesion Promoter	-	-	260 mg/m <sup>3</sup> [4] [6] 260 mg/m <sup>3</sup> [4] [7] 0.6 mg/m <sup>3</sup> [5] [6] 5.36 mg/m <sup>3</sup> [5] [7]
Dibutyltin Oxide 818-08-6	-	0.15 mg/kg bw/day [4] [6] 1 mg/kg bw/day [4] [7]	0.01 mg/m <sup>3</sup> [4] [6] 0.07 mg/m <sup>3</sup> [4] [7]

#### Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

#### Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Calcium Carbonate	6.1 mg/kg bw/day [4] [6]	-	1.06 mg/m <sup>3</sup> [5] [6]

Chemical name	Oral	Dermal	Inhalation
471-34-1	6.1 mg/kg bw/day [4] [7]		
Calcium Oxide 1305-78-8	-	-	1 mg/m <sup>3</sup> [5] [6] 4 mg/m <sup>3</sup> [5] [7]
Stearic Acid 57-11-4	2.5 mg/kg bw/day [4] [6]	-	4.348 mg/m <sup>3</sup> [4] [6]
Proprietary Adhesion Promoter	8 mg/kg bw/day [4] [6]	-	50 mg/m <sup>3</sup> [4] [6] 50 mg/m <sup>3</sup> [4] [7] 0.1 mg/m <sup>3</sup> [5] [6] 4 mg/m <sup>3</sup> [5] [7]
Dibutyltin Oxide 818-08-6	0.0015 mg/kg bw/day [4] [6] 0.01 mg/kg bw/day [4] [7]	0.5 mg/kg bw/day [4] [6] 0.5 mg/kg bw/day [4] [7]	0.003 mg/m <sup>3</sup> [4] [6] 0.017 mg/m <sup>3</sup> [4] [7]

**Notes**

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

**Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Calcium Oxide 1305-78-8	0.37 mg/L	0.37 mg/L	0.24 mg/L	0.24 mg/L	-
Proprietary Adhesion Promoter	0.062 mg/L	0.62 mg/L	0.0062 mg/L	-	-
Proprietary Dehydration Agent	0.4 mg/L	2.4 mg/L	0.04 mg/L	-	-
Dibutyltin Oxide 818-08-6	2 µg/L	20 µg/L	0.2 µg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Calcium Carbonate 471-34-1	-	-	100 mg/L	-	-
Calcium Oxide 1305-78-8	-	-	2.27 mg/L	817.4 mg/kg soil dw	-
Proprietary Adhesion Promoter	0.22 mg/kg sediment dw	0.022 mg/kg sediment dw	25 mg/L	0.0085 mg/kg soil dw	-
Proprietary Dehydration Agent	1.5 mg/kg sediment dw	0.15 mg/kg sediment dw	6.6 mg/L	0.06 mg/kg soil dw	-
Dibutyltin Oxide 818-08-6	5.247 mg/kg sediment dw	0.5247 mg/kg sediment dw	4.4 mg/L	3.4 mg/kg soil dw	0.67 mg/kg food

**8.2. Exposure controls**

**Engineering controls** No information available.



**Personal protective equipment**

<b>Eye/face protection</b>	If splashes are likely to occur, wear safety glasses with side-shields.
<b>Hand protection</b>	Wear suitable gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
<b>Environmental exposure controls</b>	No information available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Paste
<b>Colour</b>	Not applicable
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	Not applicable	None known
<b>Initial boiling point and boiling range</b>	Not applicable	None known
<b>Flammability</b>	Not applicable	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	Not applicable	
<b>Lower flammability or explosive limits</b>	Not applicable	
<b>Flash point</b>	Not applicable	None known
<b>Autoignition temperature</b>	Not applicable	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	Not applicable	None known
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	Contact the manufacturer	None known
<b>Dynamic viscosity</b>	Contact the Manufacturer	None known
<b>Water solubility</b>	Not applicable	None known
<b>Solubility(ies)</b>	Not applicable	None known
<b>Partition coefficient</b>	Not applicable	None known
<b>Vapour pressure</b>	Not applicable	None known
<b>Relative density</b>	Not applicable	None known
<b>Bulk density</b>	Not applicable	
<b>Liquid Density</b>	Not applicable	
<b>Relative vapour density</b>	(Air=1) >1	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

**9.2. Other information**

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

**Reactivity** No information available.

### **10.2. Chemical stability**

**Stability** Stable under normal conditions.

#### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

### **10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

### **10.5. Incompatible materials**

**Incompatible materials** None known based on information supplied.

### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

#### **Information on likely routes of exposure**

##### **Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### **Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** May cause redness and tearing of the eyes.

#### **Acute toxicity**

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	19,928.10 mg/kg
<b>ATEmix (dermal)</b>	10,701.80 mg/kg
<b>ATEmix (inhalation-gas)</b>	99,999.00 ppm
<b>ATEmix (inhalation-dust/mist)</b>	240.70 mg/l
<b>ATEmix (inhalation-vapour)</b>	99,999.00 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium Carbonate	= 6450 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	> 3 mg/L ( Rat ) 4 h
Calcium Oxide	= 500 mg/kg ( Rat )	-	> 6.04 mg/L ( Rat ) 4 h
Stearic Acid	= 4600 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Proprietary Adhesion Promoter	= 2413 mg/kg ( Rat )	> 2009 mg/kg ( Rabbit )	1.49 - 2.44 mg/L ( Rat ) 4 h
Proprietary Dehydration Agent	= 7340 µL/kg ( Rat )	= 3.54 mL/kg ( Rabbit )	= 16.8 mg/L ( Rat ) 4 h
Dibutyltin Oxide	= 44.9 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	May cause skin irritation.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

**Other adverse effects** No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

**Ecotoxicity** Very toxic to aquatic life.

**Unknown aquatic toxicity** Contains 0.177 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium Oxide	-	LC50: =1070mg/L (96h, <i>Cyprinus carpio</i> )	-	-
Stearic Acid	-	LC50: <3000mg/L (96h, <i>Brachydanio rerio</i> ) LC50: >1000mg/L (96h, <i>Danio rerio</i> )	-	-
Proprietary Dehydration Agent	-	LC50: =191mg/L (96h, <i>Oncorhynchus mykiss</i> )	-	-

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential****Bioaccumulation****Component Information**

Chemical name	Partition coefficient
Stearic Acid	3.3

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

Chemical name	PBT and vPvB assessment
Calcium Carbonate	The substance is not PBT / vPvB
Calcium Oxide	The substance is not PBT / vPvB
Stearic Acid	The substance is not PBT / vPvB
Proprietary Adhesion Promoter	The substance is not PBT / vPvB
Proprietary Dehydration Agent	The substance is not PBT / vPvB
Dibutyltin Oxide	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**SECTION 14: Transport information****IATA**

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 UN proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	None

**IMDG**

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 UN proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	No information available

**RID**

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 UN proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	None

**ADR**

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 UN proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	None

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Crystalline Silica 14808-60-7	RG 25

**Germany**

**Water hazard class (WGK)** non-hazardous to water (nwg)

**Netherlands**

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Crystalline Silica	Present	-	-

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Calcium Carbonate - 471-34-1	75.	-
Proprietary Dehydration Agent -	75.	-

**Persistent Organic Pollutants**

Not applicable

**Dangerous substance category per Seveso Directive (2012/18/EU)**

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**EU - Plant Protection Products (1107/2009/EC)**

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Calcium Carbonate - 471-34-1	Plant protection agent
Crystalline Silica - 14808-60-7	Plant protection agent

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Calcium Oxide - 1305-78-8	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 3: Veterinary hygiene

**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status
<b>ENCS</b>	Contact supplier for inventory compliance status
<b>IECSC</b>	Contact supplier for inventory compliance status
<b>KECL</b>	Contact supplier for inventory compliance status
<b>PICCS</b>	Contact supplier for inventory compliance status
<b>AIIC</b>	Contact supplier for inventory compliance status
<b>NZIoC</b>	Contact supplier for inventory compliance status

**Legend:**

<b>TSCA</b>	- United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL/NDSL</b>	- Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	- Japan Existing and New Chemical Substances
<b>IECSC</b>	- China Inventory of Existing Chemical Substances
<b>KECL</b>	- Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	- Philippines Inventory of Chemicals and Chemical Substances
<b>AIIC</b>	- Australian Inventory of Industrial Chemicals
<b>NZIoC</b>	- New Zealand Inventory of Chemicals

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

Revision date 01-Feb-2024

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)****Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**