



# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Date of issue: 01/12/2003 Revision date: 26/04/2023 Supersedes: 07/07/2014 Version: 4.2

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Precipitated Nano Calcium Carbonate, coated with calcium stearate  
Synonyms : CALOFORT® S, CALOFORT® SH, CALOFORT® SK, CALOFORT® SM, CALOFORT® SV, CALOFORT® SV14, CALOFORT® SA

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Calcium carbonate (powder, slurry) used by workers in industrial settings.  
Calcium carbonate (powder, slurry) used by professional workers.  
Consumer uses: Calcium carbonate used by consumers.

Function or use category : Agents adsorbing and absorbing gases or liquids  
Anti-set off and adhesive agents  
Anti-static agents  
Binding agents  
Bleaching agents  
Colouring agents, dyes  
Colouring agents, pigments  
Complexing agents  
Corrosion inhibitors and anti-scaling agents  
Fertilisers  
Fillers  
Flame retardants  
Flotation agents  
Flux agents for casting  
Food/feedstuff additives  
Laboratory chemicals  
Lubricants and lubricant additives  
Pharmaceutical substance  
pH-regulating agents  
Plant protection active substance  
Process regulators, other than polymerisation or vulcanisation processes  
Processing aid, not otherwise listed  
Stabilisers  
Viscosity adjusters  
Intermediates

##### 1.2.2. Uses advised against

No additional information available

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

Specialty Minerals Lifford  
Lifford Lane, Kings Norton,  
Birmingham, B30 3JW  
United Kingdom  
Telephone: +44 (0)121 252 4500  
E-mail: cs\_sml@mineralstech.com

Specialty Minerals Inc.,  
260 Columbia Street,  
Adams,  
MA 01220  
USA  
Telephone: +1 413-743-0591

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 1.4. Emergency telephone number

Emergency number : +1 760 476 3961  
3E Global Emergency Response Services. Access code: 333336 (if you mention SDS name and company name-you don't need the access code)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

Other hazards which do not result in classification : Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Calcium stearate (1592-23-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Precipitated Calcium Carbonate (471-34-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified 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 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Precipitated Calcium Carbonate	CAS-No.: 471-34-1 EC No.: 207-439-9 REACH-no: 01-2119486795-18-XXXX	$\geq 95$	Not classified
Calcium stearate	CAS-No.: 1592-23-0 EC No.: 216-472-8	1 - 5	Not classified

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Components - Nanoform

Precipitated Calcium Carbonate (471-34-1)	
Name of (set of) nanoform(s)	Precipitated Nano Calcium Carbonate, coated with calcium stearate
Number based particle size distribution	d50: 30 - 100nm
Particle shape	Spherical
Surface functionalisation/treatment - Agent(s)	Calcium stearate
Surface functionalisation/treatment - Process	Dry or wet coating
Specific surface area	17 – 25 m <sup>2</sup> /g
Additional information	Particle size distribution by FESEM Crystallinity: Crystalline (Calcite), trigonal

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms develop obtain medical attention.
First-aid measures after skin contact	: Immediately remove contaminated clothing or footwear. Rinse skin with plenty of water or shower. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Do not give an unconscious person anything to drink. If symptoms develop, obtain medical attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.
------------------	--

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None known.

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

Fire hazard	: Not combustible.
Hazardous decomposition products in case of fire	: Decomposes at temperatures above (°C): 825. Carbon dioxide.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment.
Protection during firefighting	: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate area. Avoid dust formation. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and eye or face protection.  
Emergency procedures : Ventilate area. Avoid dust formation. Avoid breathing dust. Avoid contact with eyes, skin and clothing.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

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

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal.

#### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Keep/Store away from Incompatible materials.  
Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container closed when not in use.

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

Exposure assessment has been carried out for the substance in the CSR Part 9 with the following Exposure Scenarios (ES): ES1: Manufacturing and industrial processing of calcium carbonate. ES2: Use of calcium carbonate and mixtures containing calcium carbonate in non-industrial settings. As the mixture is not hazardous no exposure assessment or risk characterisation is required.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

##### Exposure limit values for the other components

Dust		
Ireland - Occupational Exposure Limits		
Local name	Dusts non-specific	
OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> total inhalable 4 mg/m <sup>3</sup> respirable	
Regulatory reference	Chemical Agents Code of Practice 2021	

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Dust		
<b>United Kingdom - Occupational Exposure Limits</b>		
Local name	Dust	
WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> inhalable dust 4 mg/m <sup>3</sup> Respirable dust	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

<b>Precipitated Calcium Carbonate (471-34-1)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	6.36 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, oral	6.1 mg/kg bodyweight
Long-term - systemic effects, oral	6.1 mg/kg bodyweight/day
Long-term - local effects, inhalation	1.06 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	Not acutely toxic to fish, invertebrates, algae and microorganisms at the concentrations tested in the studies. Acute toxicity to fish, invertebrates, algae and microorganisms is greater than the highest concentration tested and therefore exceeds the maximum solubility of calcium carbonate in water.
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	Calcium carbonate and calcium and carbonate ions are ubiquitous in the environment and are found naturally in soil, water and sediment. Sediments naturally contain a high concentration of calcium and carbonate due to the physical and/or Chemical weathering of calcium-rich rocks that takes place in the environment. Calcium will be assimilated by species residing in the sediment and is necessary to maintain a good chemical balance in soils, water and sediment. The carbonate will become part of the carbon cycle and is then cycled throughout the biosphere. Due to the natural occurrence of calcium carbonate in the environment, it is expected that calcium carbonate would not be toxic to sediment organisms.
<b>PNEC (Soil)</b>	
PNEC soil	Not acutely toxic to earthworms, plants (soya, tomato and oat) and soil microorganisms at the concentrations tested in the studies. Acute toxicity to earthworms, plants and soil microorganisms is greater than the highest concentrations tested and therefore exceeds the maximum solubility of calcium carbonate in water.
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	100 mg/l NOEC, AF = 10

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded.

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear safety glasses with side shields. Standard EN 166 - Personal eye-protection.

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use

##### Hand protection:

In case of repeated or prolonged contact wear gloves. Standard EN 374 - Protective gloves against chemicals. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation and possible dust formation, wear suitable respiratory equipment. Respiratory protection type EN143 (P2, P3) or EN149 (FFP2, FFP3) is recommended

#### 8.2.2.4. Thermal hazards

##### Thermal hazard protection:

Not required for normal conditions of use.

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: White.
Appearance	: Dry powder.
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: 825 °C Decomposes (Calcium carbonate)
Freezing point	: Not available
Boiling point	: Not applicable.
Flammability (solid, gas)	: Not flammable
Explosive properties	: Not applicable.
Oxidising properties	: Not oxidising.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: 825 °C (Calcium carbonate)
pH	: 7 – 9 (20 °C, Calcium carbonate)
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Water: 0.0166 g/l (20 °C, Calcium carbonate), (OECD 105 method)
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Relative density : 2.7 – 2.95 (Calcium carbonate)  
Relative vapour density at 20°C : Not applicable  
Particle size : Not available

See section 3 for more information about nano properties.

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7). Contact with acids or strong heating liberates carbon dioxide, sometimes violently.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

Contact with acids or strong heating liberates carbon dioxide, sometimes violently.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Calcium stearate (1592-23-0)	
LD50 oral, rat	> 2000 mg/kg bodyweight (female), (OECD 423 method)
LD50 dermal, rat	> 2000 mg/kg (OECD 420 method)
Precipitated Calcium Carbonate (471-34-1)	
LD50 oral, rat	> 2000 mg/kg (OECD 420 method)
LD50 dermal, rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation, rat (mg/l)	> 3 mg/l - 4 Hours, aerosol (OECD 403 method)
Skin corrosion/irritation	: Not classified pH: 7 – 9 (20 °C, Calcium carbonate)
Additional information	: Based on available data, the classification criteria are not met
Precipitated Calcium Carbonate (471-34-1)	
pH	7 – 9 (20 °C)

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Serious eye damage/irritation	: Not classified pH: 7 – 9 (20 °C, Calcium carbonate)
Additional information	: Based on available data, the classification criteria are not met

### Precipitated Calcium Carbonate (471-34-1)

pH	7 – 9 (20 °C)
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met

### Precipitated Calcium Carbonate (471-34-1)

NOEL(P0), rat, oral	1000 mg/kg bw/day (Fertility (OECD 422 method))
NOAEL(F1), rat, oral	≥ 1000 mg/kg bw/day (Fertility (OECD 422 method))
NOAEC(P0), female, rat, Inhalation	> 1.25 % w/w Calcium (Maternal Toxicity (OECD 414 method))
NOAEC(F1), rat, Inhalation	1.25 % w/w Calcium (Developmental toxicity (OECD 414 method))

STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

### Precipitated Calcium Carbonate (471-34-1)

NOAEC (inhalation, rat, dust/mist/fume, 90 days)	≥ 0.212 (Local effects), (OECD 413 method)
NOEC, rat, Inhalation	0.399 mg/l (90 days, Systemic effects (OECD 413 method))
NOAEL, rat, oral	1000 mg/kg bw/day (48 days, OECD 422 method)

Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified 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 at a concentration equal to or greater than 0,1 %
--	--

### 11.2.2. Other information

Potential adverse human health effects and symptoms	: Not expected to present a significant hazard under anticipated conditions of normal use, Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.
---	--

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### Precipitated Calcium Carbonate (471-34-1)

LC50 fish	> 100% v/v saturated solution of test material - Exceeds maximum solubility of substance (96 Hours, Oncorhynchus mykiss), (OECD 203 method)
-----------	---



# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Precipitated Calcium Carbonate (471-34-1)	
EC50 Daphnia	> 100% v/v saturated solution of test material - Exceeds maximum solubility of substance (48 Hours, Daphnia magna, Mobility), (OECD 202 method)
EC50 - Other aquatic organisms [2]	> 1000 mg/l 3 Hours - Activated sewage sludge - (OECD 209 method)
EC50 72h - Algae [1]	> 14 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate), (OECD 201 method)
EC50 72h - Algae [2]	> 100% v/v saturated solution of test material - Exceeds maximum solubility of substance (72 Hours, Pseudokirchneriella subcapitata, Growth rate), (OECD 201 method)
NOEC, algae	> 50% v/v saturated solution of test material (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))
NOEC, algae	14 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate (OECD 201 method))

### 12.2. Persistence and degradability

Precipitated Nano Calcium Carbonate, coated with calcium stearate	
Persistence and degradability	No information available.
Calcium stearate (1592-23-0)	
Persistence and degradability	Readily biodegradable.
Biodegradation	97 % 28 days
Precipitated Calcium Carbonate (471-34-1)	
Persistence and degradability	Not relevant for inorganic substances.

### 12.3. Bioaccumulative potential

Precipitated Nano Calcium Carbonate, coated with calcium stearate	
Bioaccumulative potential	Bioaccumulation unlikely.
Calcium stearate (1592-23-0)	
BCF - Fish [1]	3.377 l/kg (calculated value)
Log Pow	10.41 (25 °C)(ECHA)
Bioaccumulative potential	Low bioaccumulation potential.
Precipitated Calcium Carbonate (471-34-1)	
Log Pow	Not relevant for inorganic substances
Log Kow	Not relevant for inorganic substances
Bioaccumulative potential	Bioaccumulation unlikely.

### 12.4. Mobility in soil

Precipitated Nano Calcium Carbonate, coated with calcium stearate	
Ecology - soil	No information available.
Calcium stearate (1592-23-0)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.812 (pH 7.15, 25 °C), (OECD 121 method)
Ecology - soil	Low potential for absorption in soil.
Precipitated Calcium Carbonate (471-34-1)	
Ecology - soil	No information available.

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 12.5. Results of PBT and vPvB assessment

#### Precipitated Nano Calcium Carbonate, coated with calcium stearate

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Calcium stearate (1592-23-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Precipitated Calcium Carbonate (471-34-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified 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 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : WASTE FROM RESIDUES / UNUSED PRODUCTS

- In accordance with local and national regulations.
- Can be landfilled, when in compliance with local regulations.
- Dispose of in accordance with the European Directives on waste and hazardous waste.

PACKAGING TREATMENT

- Empty containers.
- Dispose of as unused product.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
- The empty and clean containers are to be reused in conformity with regulations.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

ADR  
Transport hazard class(es) (ADR) : Not applicable

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### IMDG

Transport hazard class(es) (IMDG) : Not applicable

### IATA

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Calcium carbonate (natural) is exempted from REACH registration and thus no formal chemical safety assessment has been carried out for this substance by the supplier. However, calcium carbonate (precipitated) is regarded as the same substance as calcium carbonate natural) and calcium carbonate (precipitated) has been registered. Data from registration dossiers are disseminated on ECHA website ([www.echa.europa.eu](http://www.echa.europa.eu)).

## SECTION 16: Other information

### Indication of changes:

The SDS has been revised to comply with Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of REACH.

Indication of changes			
Section	Changed item	Change	Comments
1	Identification of the substance/mixture and of the company/undertaking	Modified	
8	Exposure controls/personal protection	Modified	
9	Physical and chemical properties	Modified	
11	Toxicological information	Modified	
12.	Ecological information	Modified	
16	Other information	Modified	

### Abbreviations and acronyms:

	ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	CLP (Classification, Labeling and Packaging)
	DNEL (Derived No Effect Level)
	EC (European Community)
	EC50 (Effective Concentration 50%)
	EN (European Norm)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	MAC (Maximal Allowed Concentration)
	OECD (Organisation for Economic Co-operation and Development)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	REACH (Registration, Evaluation and Authorisation of CHemicals)

# Precipitated Nano Calcium Carbonate, coated with calcium stearate

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Abbreviations and acronyms:	
	RID (Règlement concernant le transport international ferroviaire de marchandises)
	STEL (Short Term Exposure Limit)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Safety Data Sheet (SDS), EU

The information and recommendations contained herein are based upon data believed to be up-to-date and correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information and recommendations contained herein. **THE COMPANY MAKES NO WARRANTY OF FITNESS FOR INTENDED USE WITH RESPECT TO THE PRODUCT DESCRIBED HEREIN.** We accept no responsibility and disclaim all liability for any harmful effects that may be caused by (incorrect) use, handling, purchase, resale, or exposure to our product. Customers and users of our product must comply with all applicable health and safety laws, regulations, and orders. In particular, those users subject to the jurisdiction of the European Union are under an obligation to carry out a risk assessment for the particular work places and to take adequate risk management measures in accordance with the national implementation legislation of EU Directives 89/391 and 98/24.