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

1.1. Product identifier
Product name: Precipitated Calcium Carbonate Slurry
CAS No: 471-34-1
Product code: C-MS-AT-2018S10
Other means of identification: ALBAFIL® S10

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Mineral filler and extender

1.3. Details of the supplier of the safety data sheet
Specialty Minerals Inc.,
260 Columbia Street,
Adams,
MA 01220
U.S.A
Tel. 1-877-684-7627

1.4. Emergency telephone number
Emergency number: +1 760-476-3962
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 (GHS-US)
Not classified

2.2. Label elements
GHS-US labeling
No labeling applicable

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
No data available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precipitated Calcium Carbonate</td>
<td>(CAS No) 471-34-1</td>
<td>60 - 80</td>
<td>Not classified</td>
</tr>
<tr>
<td>Water</td>
<td>(CAS No) 7732-18-5</td>
<td>20 - 40</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

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: Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water. If skin irritation occurs: Get medical advice/attention.
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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: Rinse mouth. Do NOT induce vomiting. Drink plenty of water. If symptoms develop, obtain medical attention.

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

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

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

Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Not combustible. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture

Reactivity: Reacts violently with acids.

5.3. Advice for firefighters

Protection during firefighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: 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. Do not breathe dust.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

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 contact with skin, eyes and clothing. Keep/Store away from Incompatible materials.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Precipitated Calcium Carbonate (471-34-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
</tr>
<tr>
<td>USA - NIOSH</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

04/13/2015 EN (English US) 2/6
8.2. Exposure controls

Appropriate engineering controls: The control parameters for workers are given for the dry substance, for the wet slurry these values are not relevant. However where respirable dust formation is possible the values are relevant. Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded.

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: In case of repeated or prolonged contact wear gloves.

Eye protection: Wear safety glasses with side shields.

Skin and body protection: Not required for normal conditions of use.

Respiratory protection: In case of insufficient ventilation and possible dust formation, wear suitable respiratory equipment.

Thermal hazard protection: Not required for normal conditions of use.

Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Slurry.

Color: White.

Odor: odorless

Odor threshold: No data available

pH: \( \approx 10 \)

Relative evaporation rate (butyl acetate=1): No data available

Melting point: Not applicable

Freezing point: No data available

Boiling point: Not applicable

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: \( > 450 ^\circ \text{C} \)

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative vapor density at 20 °C: No data available

Relative density: 2.71

Solubility: Water: g/l Slightly soluble

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: Not applicable.

Oxidizing properties: Not oxidizing.

Explosive limits: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts violently with acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Can react violently with acids.

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 toxicological effects

- **Acute toxicity**: Not classified
  - **LD50 oral rat**: > 2000 mg/kg (OECD Guideline 420)
  - **LD50 dermal rat**: > 2000 mg/kg (OECD Guideline 402)
  - **LC50 inhalation rat (mg/l)**: > 3 mg/l/4h (OECD Guideline 403) for solid substance

- **Skin corrosion/irritation**: Not classified
  - **pH**: ≈ 10

- **Serious eye damage/irritation**: Not classified
  - **pH**: ≈ 10

- **Respiratory or skin sensitization**: Not classified

- **Germ cell mutagenicity**: Not classified
  - Based on available data, the classification criteria are not met

- **Carcinogenicity**: Not classified
  - Based on available data, the classification criteria are not met

- **Reproductive toxicity**: Not classified
  - Based on available data, the classification criteria are not met

- **Specific target organ toxicity (single exposure)**: Not classified
  - Based on available data, the classification criteria are not met

- **Specific target organ toxicity (repeated exposure)**: Not classified
  - Based on available data, the classification criteria are not met

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

- **Potential Adverse human health effects and symptoms**: Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

- **Precipitated Calcium Carbonate (471-34-1)**
  - **LC50 fish**: > 100 mg/l Oncorhynchus mykiss-OECD 203
  - **EC50 Daphnia**: > 100 mg/l OECD 202
  - **EC50 other aquatic organisms 2**: > 1000 mg/l 3h - Activated sewage sludge - OECD 209
  - **ErC50 (algae)**: > 14 mg/l Desmodesmus subspicatus-OECD 201
  - **NOEC (acute)**: 14 mg/l Desmodesmus subspicatus - OECD 201

#### 12.2. Persistence and degradability

- **Precipitated Calcium Carbonate (471-34-1)**
  - Persistence and degradability: Not relevant for inorganic substances.

#### 12.3. Bioaccumulative potential

- **Precipitated Calcium Carbonate (471-34-1)**
  - **Log Kow**: Not relevant for inorganic substances
  - **Bioaccumulative potential**: Bioaccumulation unlikely.

#### 12.4. Mobility in soil

- **Precipitated Calcium Carbonate (471-34-1)**
  - **Ecology - soil**: Not applicable.
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12.5. Other adverse effects
Effect on ozone layer : No additional information available
Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods : Use qualified hazardous waste companies to transport and dispose of methanol waste.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport
Other information : No supplementary information available.

Transport by sea
Proper Shipping Name (IMDG) : Not applicable

Air transport
Proper Shipping Name (IATA) : Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA
Precipitated Calcium Carbonate (471-34-1)

| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

15.2.2. National regulations
No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

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Abbreviations and acronyms:
- CAS (Chemical Abstracts Service) number
- IARC (International Agency for Research on Cancer)
- LC50 (Lethal Concentration 50%)
- LD50 (Lethal Dose 50%)
- EC50 (Effective Concentration 50%)
- PBT (Persistent, bioaccumulative and toxic)
- vPvB (very persistent and very bioaccumulative)
- REACH (Registration, Evaluation and Authorisation of Chemicals)
- CLP (Classification, Labeling and Packaging)
- DNEL (Derived No effect Limit)
- OECD (Organisation for Economic Co-operation and Development)
- PNEC (predicted no effect concentration)
- UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
- ADR (Accord européen relatif au transport international des marchandises dangereuses par Route)
- ATE (Acute Toxicity Estimate)
- EC (European Community)
- EN (European Norm)
- EWC (European Waste Catalogue)
- IOELV (Indicative Occupational Exposure Limit)
- Koc (Soil adsorption coefficient)
- LLNA (The Mouse Local Lymph Node Assay)
- LOAEC (Lowest observed adverse effect concentration)
- MAC (Maximal Allowed Concentration)
- O/W (Oil-in-Water (chemistry))
- PMcc (Pensky-Martens Closed Cup test)
- RID (Règlement concernant le transport international ferroviaire de marchandises)
- STEL (Short Term Exposure Limit)
- TWA (Time Weighted Average)
- DMEL (Derived minimum effect level)
- BCF (Bioconcentration factor)
- ES (Expression scenario)
- EPI SUITE (Estimation Program Interface (EPI) Suite)
- EWC (European Waste Catalogue)
- IOELV (Indicative Occupational Exposure Limit)
- Koc (Soil adsorption coefficient)
- LLNA (The Mouse Local Lymph Node Assay)
- LOAEC (Lowest observed adverse effect concentration)
- NOAEC (No observed adverse effect concentration)
- NOAEL (No observed adverse effect level)
- OEL (Occupational exposure limit)
- Repr (Toxicity for reproduction)
- SCL (Soil concentration limit)
- SCOEL (Scientific Committee on Occupational Exposure Limits)
- STOT RE (Specific target organ toxicity (repeated exposure))
- STOT SE (Specific target organ toxicity (single exposure))

Other information:
- None.

NFPA health hazard:
- 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard:
- 0 - Materials that will not burn.

NFPA reactivity:
- 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating:
- Health: 0 Minimal Hazard - No significant risk to health
- Flammability: 0 Minimal Hazard
- Physical: 0 Minimal Hazard
- Personal Protection: B

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