

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 17-Aug-2017

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## SIHA Wine Lime Special

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

#### 1.1. Product identifier

**Trade name/designation:**

SIHA Wine Lime Special

**REACH No.:**

01-2119486795-18

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

**Use of the substance/mixture:**

Product for Deacidification for Wine

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Eaton Technologies GmbH**

Langenlonsheim Branch

An den Nahewiesen 24

55450 Langenlonsheim

Germany

**Telephone:** +49 6704 204-0 (Diese Nummer ist nur zu Bürozeiten besetzt.)

**Telefax:** +49 6704 204-121

**E-mail:** SDB@Eaton.com

**Website:** www.eaton.com/filtration

#### 1.4. Emergency telephone number

No data available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]:**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**Additional information:**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

#### 2.3. Other hazards

No data available

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

**Description:**

Calcium carbonate, precipitated  
(CAS Nr. 471-34-1; EINECS Nr. 207-439-9).

### SECTION 4: First aid measures

#### \* 4.1. Description of first aid measures

**Following inhalation:**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

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### In case of skin contact:

Subsequently wash off with: Water  
Remove contaminated, saturated clothing immediately.  
In case of skin irritation, consult a physician.

### After eye contact:

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

### After ingestion:

Rinse mouth immediately and drink plenty of water. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

No data available

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

No data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media:

Full water jet

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

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Calciumoxide

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Dispose of waste according to applicable legislation.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Provide adequate ventilation. Avoid generation of airborne dust. Personnel involved in clean up need protection against skin and eye contact and inhalation of dust.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

Avoid dust formation. Store in a dry place.

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

#### For cleaning up:

Take up carefully when dry. Take up mechanically, placing in appropriate containers for disposal.  
Wash with plenty of water.

#### Other information:

Materials to avoid: Acids

### 6.4. Reference to other sections

No data available

### 6.5. Additional information

No data available

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### SECTION 7: Handling and storage

#### \* 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

- Avoid dust formation.
- Do not breathe dust. Avoid contact with eyes and skin.
- Provide adequate ventilation.
- Observe the usual precautionary measures for handling chemicals.

##### Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Keep away from food, drink and animal feedingstuffs.
- Used working clothes should not be worn outside the work area.

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

##### Requirements for storage rooms and vessels:

- Keep container tightly closed. Keep container dry. Keep only in the original container in a cool, well-ventilated place.

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

No data available

### SECTION 8: Exposure controls/personal protection

#### \* 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

No data available

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

| Substance name                                | DNEL value             | ① DNEL type<br>② Exposure route                           |
|---|------------------------|---|
| Calciumcarbonat, gefällt<br>CAS No.: 471-34-1 | 10 mg/m <sup>3</sup>   | ① DNEL worker<br>② DNEL long-term inhalative (systemic)   |
| Calciumcarbonat, gefällt<br>CAS No.: 471-34-1 | 10 mg/m <sup>3</sup>   | ① DNEL Consumer<br>② DNEL long-term inhalative (systemic) |
| Calciumcarbonat, gefällt<br>CAS No.: 471-34-1 | 4.26 mg/m <sup>3</sup> | ① DNEL worker<br>② DNEL long-term inhalative (local)      |
| Calciumcarbonat, gefällt<br>CAS No.: 471-34-1 | 1.06 mg/m <sup>3</sup> | ① DNEL Consumer<br>② DNEL long-term inhalative (local)    |

  

| Substance name                                | PNEC Value | ① PNEC type                         |
|---|------------|-------------------------------------|
| Calciumcarbonat, gefällt<br>CAS No.: 471-34-1 | 100 mg/l   | ① PNEC sewage treatment plant (STP) |

#### \* 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

- Provide adequate ventilation as well as local exhaustion at critical locations.

##### 8.2.2. Personal protection equipment

##### Eye/face protection:

- Tightly sealed safety glasses.

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### Skin protection:

Protect skin by using skin protective cream.

Hand protection: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be shorter than the permeation time determined in accordance with EN 374. Manufacturer's directions for use should be observed because of great diversity of types.

Suitable material: CR (polychloroprene, chloroprene rubber), NR (natural rubber, natural latex), PVC (Polyvinyl chloride)

Thickness of the glove material: 0,11 mm

Breakthrough time (maximum wearing time): > 480 min

### Respiratory protection:

Respiratory protection necessary at: insufficient ventilation, exceeding exposure limit values

Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 1, P 3

### Other protection measures:

Protective clothing: Wear suitable protective clothing.

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

### 8.2.3. Environmental exposure controls

No data available

### 8.3. Additional information

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: Powder, solid

Colour: white

Odour: odourless

#### Safety relevant basis data

| parameter                                    |                              | at °C | Method | Remark |
|--|------------------------------|-------|--------|--------|
| pH   | not determined               |       |        |        |
| Melting point                                | not determined               |       |        |        |
| Freezing point                               | not determined               |       |        |        |
| Initial boiling point and boiling range      | not determined               |       |        |        |
| Decomposition temperature (°C):              | > 450 °C                     |       |        |        |
| Flash point                                  | not determined               |       |        |        |
| Evaporation rate                             | not determined               |       |        |        |
| Ignition temperature in °C                   | not determined               |       |        |        |
| Upper/lower flammability or explosive limits | not determined               |       |        |        |
| Vapour pressure                              | not determined               |       |        |        |
| Vapour density                               | not determined               |       |        |        |
| Relative density                             | 2.7 - 2.95 g/cm <sup>3</sup> | 20 °C |        |        |
| Bulk density                                 | not determined               |       |        |        |
| Water solubility (g/L)                       | 16 mg/l                      | 20 °C |        |        |
| Partition coefficient: n-octanol/water       | not determined               |       |        |        |
| Dynamic viscosity                            | not determined               |       |        |        |
| Kinematic viscosity                          | not determined               |       |        |        |

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### 9.2. Other information

Explosionsgefahr: not explosive.

## SECTION 10: Stability and reactivity

### \* 10.1. Reactivity

The product has not been tested.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No data available

### \* 10.4. Conditions to avoid

Humidity

Keep away from heat.

### 10.5. Incompatible materials

Reacts with acids releasing CO<sub>2</sub>.

### 10.6. Hazardous decomposition products

Calciumoxide

## SECTION 11: Toxicological information

### \* 11.1. Information on toxicological effects

| CAS No.  | Substance name           | Toxicological information  |
|----------|--------------------------|--|
| 471-34-1 | Calciumcarbonat, gefällt | <b>LD<sub>50</sub> oral:</b> 2,000 mg/kg (Rat) OECD 420<br><b>LD<sub>50</sub> dermal:</b> 2,000 mg/kg (Rat) OECD 402<br><b>LC<sub>50</sub> inhalative:</b> 3 mg/l 4 h (Rat) OECD 403 |

#### Skin corrosion/irritation:

Rabbit: Not an irritant. OECD 404

#### Serious eye damage/irritation:

Rabbit: Not an irritant. OECD 405

#### Respiratory or skin sensitisation:

Mouse: not sensitising. OECD 429

#### Germ cell mutagenicity:

negative. OECD 471 (Ames test), OECD 476, OECD 473

#### Carcinogenicity:

Longterm experiments do not indicate carcinogenic effects.

#### Reproductive toxicity:

Rat: NOELR: 1000 mg/kg bw/day, OECD 422

#### STOT-single exposure:

No information available.

#### STOT-repeated exposure:

Rat:

oral: NOAEL(C): 1000 mg/kg bw/day, OECD 422

inhalative: NOAEC : 0,212 mg/l , OECD 413

#### Aspiration hazard:

No

#### Additional information:

Toxic effect linked with irritant properties.

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### SECTION 12: Ecological information

#### \* 12.1. Toxicity

| CAS No.  | Substance name           | Toxicological information  |
|----------|--------------------------|--|
| 471-34-1 | Calciumcarbonat, gefällt | <b>EC<sub>50</sub></b> : >14 mg/l 3 d (Desmodesmus subspicatus) OECD 201<br><b>NOEC</b> : 14 mg/l 3 d (Desmodesmus subspicatus) OECD 201<br><b>EC<sub>50</sub></b> : >1,000 mg/l (Activated sludge) OECD 209<br><b>NOEC</b> : 1,000 mg/l (Activated sludge) OECD 209 |

#### Aquatic toxicity:

Acute toxicity: non-dangerous for aquatic organisms but impact on water hardness. Toxicity threshold above hydrosolubility.

#### Additional ecotoxicological information:

Product is not significantly hazardous for the aquatic environment. Product fate is highly depending on environmental conditions: pH, temperature, oxidoreductive potential, mineral and organic content of the medium,...

#### 12.2. Persistence and degradability

##### Additional information:

Further ecological information: According to the present state of knowledge negative ecological effects are not expected.

#### 12.3. Bioaccumulative potential

##### Accumulation / Evaluation:

Potential for bioaccumulation: not applicable (ionizable inorganic compound).

#### 12.4. Mobility in soil

No data available

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

| CAS No.  | Substance name           | Results of PBT and vPvB assessment   |
|----------|--------------------------|--|
| 471-34-1 | Calciumcarbonat, gefällt | The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. |

#### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

#### Waste treatment options

##### Appropriate disposal / Package:

Non-contaminated packages may be recycled.

#### 13.2. Additional information

No data available

### SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

#### 14.1. UN-No.

not relevant

#### 14.2. UN proper shipping name

not relevant

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### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

not relevant

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

No data available

#### 15.1.2. National regulations

##### [DE] National regulations

#### Water hazard class (WGK)

##### WGK:

nwg - nicht wassergefährdend

##### Source:

-

#### Other regulations, restrictions and prohibition regulations

.

### 15.2. Chemical Safety Assessment

No data available

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

|       |   |
|-------|---|
| 4.1.  | Description of first aid measures                                   |
| 6.1.  | Personal precautions, protective equipment and emergency procedures |
| 6.3.  | Methods and material for containment and cleaning up                |
| 7.1.  | Precautions for safe handling                                       |
| 8.1.  | Control parameters  |
| 8.2.  | Exposure controls   |
| 9.1.  | Information on basic physical and chemical properties               |
| 10.1. | Reactivity  |
| 10.4. | Conditions to avoid   |
| 11.1. | Information on toxicological effects                                |
| 12.1. | Toxicity  |

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

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### **16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

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

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### **16.5. Relevant R-, H- and EUH-phrases (Number and full text)**

No data available

### **16.6. Training advice**

No data available

### **16.7. Additional information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

\* Data changed compared with the previous version