

Identification of the substance or preparation:

SIHADEX

Revision date: 18.03.2010 / 10.10.2012 Version: 2 Date of print: 10.10.2012

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifiers****SIHADEX**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH]: X

Use of the substance/ preparation: Product for Deacidification for Wine

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Supplier (manufacturer/importer/ Eaton Technologies GmbH

downstream user/distributor):

Begerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim

Telephone:

+49 6704 204-0

Telefax:

+49 6704 204-121

E-mail (competent person):

SDB@Eaton.com

Dept. responsible for information:

Produktmanagement

Only available during office hours.

Information telephone:

+49 6704 204-0

1.4. Emergency telephone number

Dept. responsible for information:

Produktmanagement

Only available during office hours.

Emergency telephone:

+49 6704 204-0

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification according to EC regulation 1272/2008 (CLP):

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

Further remarks:

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

2.2. Label elements**2.3. Other hazards****SECTION 3: Composition / Information on ingredients****Chemical characterization (preparation):**

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****After inhalation:**

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

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Subsequently wash off with: Water.

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

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.

Extinguishing media which must not be used for safety reasons:

High power water jet.

5.2. Special hazards arising from the substance or mixture**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**In case of fire may be liberated: Carbon dioxide (CO₂). Calciumoxide**5.3. Advice for firefighters****Special protective equipment for firefighters:**

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

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**Personal precautions:**

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with eyes.

6.2. Environmental precautions**Environmental measures:**

Avoid generation of dust. Store in a dry place.

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

Take up carefully when dry. Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advices on safe handling:**

Avoid generation of dust.

Observe the usual precautionary measures for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

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)

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

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Remarks:A: respirable fraction of dust : 3 mg/m³E: inhalable dust : 10 mg/m³**8.2. Exposure controls****Technical measures:**

Provide for sufficient ventilation and punctiform suction at critical points.

Respiratory protection: Respiratory protection necessary at/for: insufficient ventilation. exceeding exposure limit values

Suitable respiratory protection apparatus: Filtering device (DIN EN 147). P 2

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: NBR (Nitrile rubber).

Thickness of the glove material: 0,11 mm

Penetration time (maximum wearing period): > 480 min

Eye protection: Tightly sealed safety glasses.

Body protection: Wear suitable protective clothing.

Protect skin by using skin protective cream.

General protection and hygiene measures:

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

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

Physical state: Powder, solid

Colour: white

Odour: odourless

Important health, safety and environmental information:

		Unit	Method
pH:	9,5 - 10,5		at °C 20 10%
Melting point / melting range:	900	°C	
Explosivity:	<i>not explosive.</i>		
Density:	2,7 - 2,9	g/cm ³	at °C 20
Bulk density:	200 - 600	kg/m ³	
Water solubility (g/l):	16	mg/l	at °C 20

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability****10.3. Possibility of hazardous reactions**

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No special measures are required.

10.5. Incompatible materialsReacts with acids releasing CO₂.**10.6. Hazardous decomposition products**

Calciumoxide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity:**

Non-hazardous, is approved as food additive (E 170).

Acute toxicity:

CAS No.	Chemical name	LD50: oral	Unit	Species	LD50: dermal	Unit	Species	LC50: inhalat iv	Unit	Species
471-34-1	calcium carbonate	> 2000	mg/kg	Rat.						

Irritant and corrosive effects:

LD50: Rat. Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Sensitisation:

not sensitising.

Repeated dose toxicity:

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Ames test negative.

Additional information:

Toxic effect linked with irritant properties.

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

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

Further details:

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**Method:**

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment**

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SECTION 13: Disposal considerations

13.1. Waste treatment methods**Recommendation:**

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.

Contaminated packaging:**Recommendation:**

Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1. Land transport (ADR/RID)**14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)****14.4. Air transport (ICAO-TI / IATA-DGR)****14.5. Additional information:**

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

Water Hazard Class: n **Source:** -

Other regulations (EU):

SECTION 16: Other information

Further remarks:

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.

E-mail (competent person):

SDB@Eaton.com