

SAFETY DATA SHEET

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

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SIHA Potassium Bicarbonate / Potassium Bicarbonate

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

1.1. Product identifier

Trade name/designation:

SIHA Potassium Bicarbonate / Potassium Bicarbonate

Additional information:

The substance does not require registration according to REACH.

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:

Potassium hydrogen carbonate (CAS Nr. 298-14-6; EINECS Nr. 206-059-0).

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

In case of skin irritation, consult a physician.

IF ON CLOTHING: Take off immediately all contaminated clothing.

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. Do NOT induce vomiting.

In all cases of doubt, or when symptoms persist, seek medical advice.

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:

Carbon dioxide (CO₂), Water spray, alcohol resistant foam, Extinguishing powder

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

5.3. Advice for firefighters

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

5.4. Additional information

No data available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Keep unprotected people away and stay on the upwind side. Wear personal protection equipment.

Avoid dust formation. Do not breathe dust.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up:

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

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. Provide adequate ventilation.

Fire prevent measures:

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

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

Hints on storage assembly:

No special measures are required.

Further information on storage conditions:

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No special technical protective measures are necessary.

8.2.2. Personal protection equipment

Eye/face protection:

Tightly sealed safety glasses.

Skin protection:

Hand protection: The glove material has to be impermeable and resistant to the product/the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Breakthrough time (maximum wearing time): The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection:

Respiratory protection necessary at: exceeding exposure limit values, dust formation

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

Other protection measures:

General health and safety measures: The usual precautionary measures are to be adhered to when handling chemicals.

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes. Take off immediately all contaminated clothing. Do not breathe dust.

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: crystalline

Colour: white

Odour: odourless

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Safety relevant basis data

parameter		at °C	Method	Remark
pH	8 - 9	20 °C		Gehalt an gelöster Substanz: 50 g/l
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	2.17 g/cm ³			
Bulk density	900 - 1,100 kg/m ³			
Water solubility (g/L)	333 g/l	20 °C		
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Reacts with : Oxidising agent, strong; Strong acid

10.6. Hazardous decomposition products

Reacts with acids releasing CO₂.

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
298-14-6	potassium hydrogencarbonate	LD ₅₀ oral: 4,220 mg/kg (Rat)

Skin corrosion/irritation:

Irritant effect on the skin: Not an irritant.

Eye damage/irritation:

After eye contact slightly irritant

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Respiratory or skin sensitisation:

not sensitising.

Germ cell mutagenicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

STOT-single exposure:

No information available.

STOT-repeated exposure:

No information available.

Aspiration hazard:

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

Ecological data are not available.

12.2. Persistence and degradability

Additional information:

Further ecological information: Do not allow to enter into surface water or drains.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The waste code numbers according to the German Waste Catalogue are substance-related, while the Waste code numbers according to the European Waste Catalogue (EWC code) are source-related. The exact assignment to a waste code according to the EWC code can only be undertaken by the user who generates waste products from them requiring disposal.

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:

1 - schwach wassergefährdend

Source:

S Selbsteinstufung

15.2. Chemical Safety Assessment

No data available

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

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

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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.