

Identification of the substance or preparation:

SIHA Potassium Bicarbonate

Potassium Bicarbonate

Revision date: 11.07.2006 / 16.10.2012 Version: 2 Date of print: 16.10.2012



Powering Business Worldwide

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****SIHA Potassium Bicarbonate****Potassium Bicarbonate**

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/
downstream user/distributor):** Eaton Technologies GmbHBegerow 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):**

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**

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

In case of skin contact:

Subsequently wash off with: Water.

In case of skin irritation, consult a physician.

Take off immediately all contaminated clothing.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**

Carbon dioxide (CO₂). Atomized water. Alcohol resistant foam. Extinguishing powder.

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:**

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**Special protective equipment for firefighters:**

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:**

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

Avoid generation of dust. Do not breathe dust.

6.2. Environmental precautions**Environmental measures:**

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**Methods for cleaning up:**

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

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. Provide adequate ventilation.

Precautions against fire and explosion:

No special fire protection measures are necessary.

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

Hints on joint storage:

No special measures are required.

Further information on storage conditions:

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Technical measures:**

No special technical protective measures are necessary.

Respiratory protection: Respiratory protection necessary at/for: exceeding exposure limit values dust formation

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

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.**Penetration time (maximum wearing period):** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.**Eye protection:** Tightly sealed safety glasses.**General protection and hygiene 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.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state:** crystalline**Colour:** white**Odour:** odourless**Important health, safety and environmental information:**

			Unit		Method
pH:	8	- 9		at °C 20	50 g/l
Density:	2,17		g/cm ³		
Bulk density:	900	- 1100	kg/m ³		
Water solubility (g/l):	333		g/l	at °C 20	

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

No information available.

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No information available.

10.5. Incompatible materials

Reacts with : Oxidising agent, strong. Strong acid

10.6. Hazardous decomposition productsReacts 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****Acute toxicity:**

CAS No.	Chemical name	LD50: oral	Unit	Species	LD50: dermal	Unit	Species	LC50: inhalat iv	Unit	Species
298-14-6	potassium hydrogencarbonate	> 4220	mg/kg	Rat.						

Specific symptoms in animal studies:

Rabbit.

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Irritant and corrosive effects:

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: mild irritant.

Sensitisation:

not sensitising.

Repeated dose toxicity:

No data available

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

No data available

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

Ecological data are not available.

12.2. Persistence and degradability**Further details:**

Do not allow to enter into surface water or drains.

12.3. Bioaccumulative potential

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.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods**Recommendation:**

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.

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: 1 **Source:** S Selbsteinstufung

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