



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 CelluStab

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

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

Use of the substance/ preparation: Product for Winetreatment.

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/
downstream user/distributor): Eaton Technologies GmbH

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):

Aqueous solution from Sodium Carboxymethylcellulose (CAS No.: 9004-32-4).

3.2. Mixtures**Hazardous ingredients:**

CAS No.	EC No	Chemical name:/ REACH registration No.	of (%)	up to (%)	Unit/ Content	Hazard symbol(s)	R phrases	INDEX no.
5949-29-1	000-000-0	Citronensäure-Monohydrat		1	%	Xi	36	
7782-99-2	231-973-1	sulphurous acid		0.5	%	C	20-34	

Full text of R-phrases: see section 16.

Labelling (CLP):

CAS No.	EC No	Chemical name:/ REACH registration No.	Hazard pictograms	Signal word	Hazard statements
5949-29-1	000-000-0	Citronensäure-Monohydrat	GHS07	Warning	319
7782-99-2	231-973-1	sulphurous acid	GHS05, GHS07	Danger	332-314

Full text of H-phrases: see section 16.

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.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

Take off immediately all contaminated clothing.

In case of eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion:

Rinse mouth thoroughly with water. Do not induce vomiting. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed****Information to physician:**

Treat symptomatically.

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: Nitrogen oxides (NO_x). Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters**Special protective equipment for firefighters:**

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

Additional information:

The danger areas must be delimited and identified using relevant warning and safety signs. Move victim out of danger zone.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**6.1.1. For non-emergency personnel****Personal precautions:**

No special measures are necessary.

Wear personal protection equipment. Special danger of slipping by leaking/spilling product.

6.1.2. For emergency responders**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**Methods for cleaning up:**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

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

No special handling advices are necessary. Avoid contact with skin and eyes.

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

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

Further information on storage conditions:

Storage temperature: of °C: 5 up to °C: 25

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**8.2. Exposure controls****8.2.1. Appropriate engineering controls****8.2.2. Personal protective equipment**

Respiratory protection: No special measures are required.

Hand protection: The selection of suitable gloves not only depends on the material, but also on other quality characteristics. These may vary from manufacturer to manufacturer. Since the product is a preparation from several substances, the resistance of glove materials cannot be determined in advance and must therefore be checked prior to the application.

Suitable material: 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.

Eye protection: Eye glasses. DIN EN 166

General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

8.2.3. Environmental exposure controls:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid

SIHA CelluStab

Revision date: 05.01.2010 / 19.05.2015 Version: 3 Date of print: 27.05.2015

Colour: transparent

Odour: odourless

Important health, safety and environmental information:

			Unit		Method
pH:	4,0	-	4,6	at °C	20
Density:	1.028	-	1.035	g/cm ³	at °C 20

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No special measures are required.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

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:**

Toxicological data are not available.

Irritant and corrosive effects:

Data apply to the main component.

After ingestion: Gastrointestinal complaints. Vomiting.

Irritant effect on the eye: mild irritant.

Irritant effect on the skin: mild irritant.

Sensitisation:

Data apply to the main component.

In case of skin contact: Guinea pig not sensitising.

after inhalation: Observations relevant to classification none/none

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

Data apply to the main component.

Specific symptoms in animal studies Longterm experiments do not indicate carcinogenic effects.

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

Data apply to the main component.

Harmless to aquatic organisms up to the tested concentration.

LC50: Brachydanio rerio (zebrafish) , 96 h: 1.414 mg/l

LC50: Lepomis macrochirus 96 h: 100 - 1000 mg/l

EC50: Daphnia magna 48 h: 1.414 mg/l

12.2. Persistence and degradability**Method:**

Not readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

Data apply to the main component.

Biodegradation: 0%, 28 d, OECD 301E / EEC 92/69 annex V, C.4-B

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

There are no data available on the mixture itself.

12.6. Other adverse effects

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: 1 Source: S Selbsteinstufung

15.2. Chemical Safety Assessment

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

Relevant R-and H-phrases (Number and full text):

R phrases	
R20	Harmful by inhalation.
R34	Causes burns.
R36	Irritating to eyes.

Hazard statements	
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.